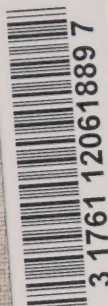


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**70 YEARS**  
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# **Canadian Mineral Statistics**

**MINING EVENTS**

**1604 - 1956**

**DOMINION BUREAU OF STATISTICS**

**INDUSTRY AND MERCHANDISING  
DIVISION**

**MINERAL STATISTICS SECTION**







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CANADIAN MINERAL STATISTICS  
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MINING EVENTS  
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Reference Paper No. 68

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## FOREWORD

This report succeeds an earlier publication titled Chronological Record of Canadian Mining Events from 1604 to 1947 and Historical Tables of the Mineral Production of Canada, which was issued in 1947.

The Dominion Bureau of Statistics, Ottawa, receives many requests for statistics relating to the quantity and value of individual minerals produced annually in Canada.

The present report is designed to fill this need, and contains a ready reference on production figures covering the period from 1886 onward. The initial statistical report of mineral production in Canada was made in 1886 by the Geological and Natural History Survey of Canada. Some data for the years prior to 1886 are shown in the earlier published reports. Preliminary figures of Canada's Mineral Production in 1956 are contained in a separate section of this report. These preliminary estimates are subject to revision.

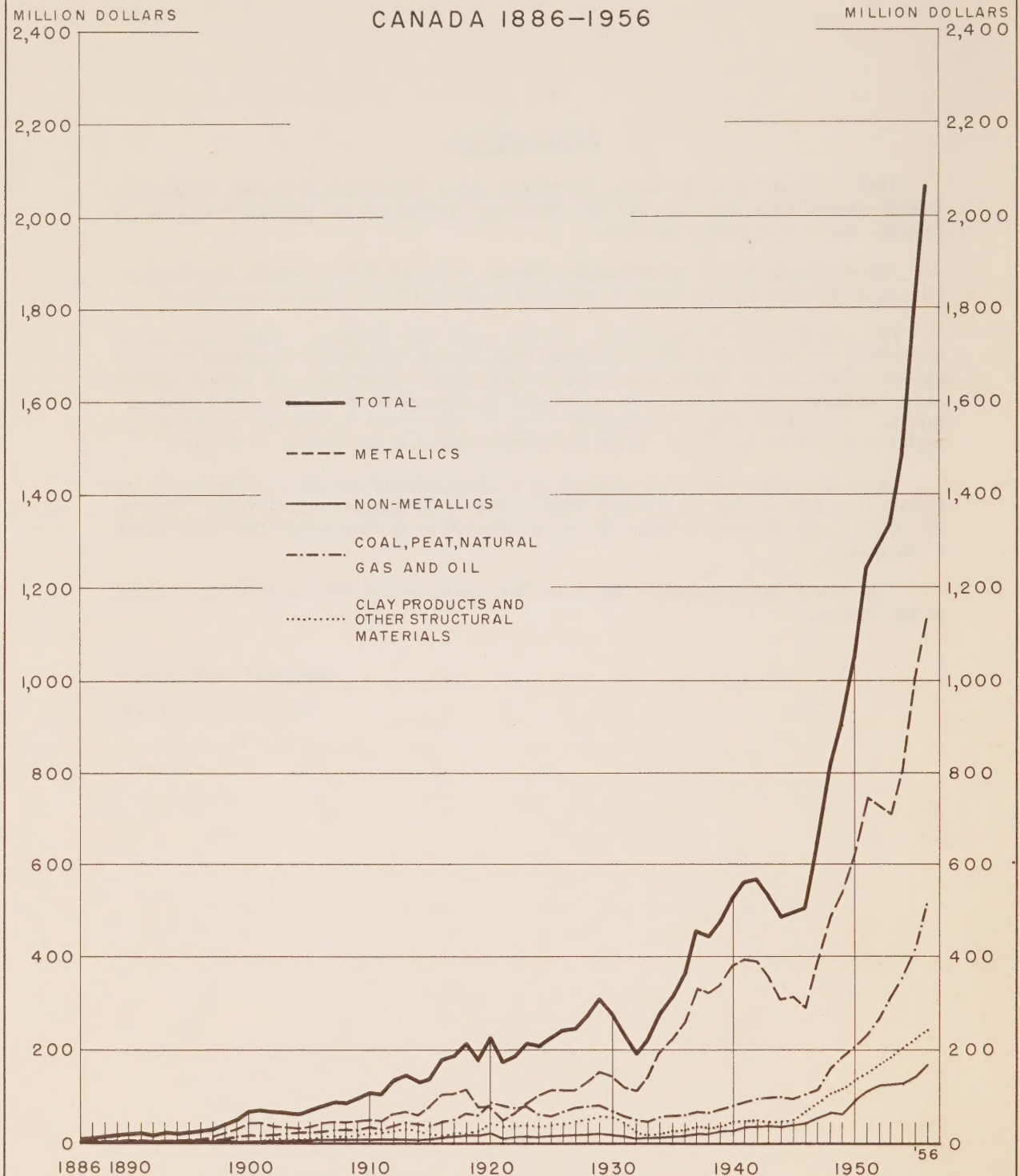
These Historical Tables are prefaced by a Chronological Record of Canadian Mining Events from 1604 to the end of 1956. With a view to the improvement of future editions, the Bureau will be glad to learn of any errors and to receive suggestions with regard to omissions.

This report was prepared by Mr. A.R. Deir, Chief, of the Mineral Statistics Section of the Bureau.

WALTER E. DUFFETT  
*Dominion Statistician*



VALUE OF  
MINERAL PRODUCTION  
BY CLASSES  
CANADA 1886-1956





# CHRONOLOGICAL RECORD OF CANADIAN MINING EVENTS

1604 - 1956

## Year

- 1604 — Discovery of iron and silver reported at St. Mary's Bay, Nova Scotia, by Master Simon, a mining engineer accompanying Champlain. Native copper was also reported to have been found at Cap d'Or.
- 1612 — Sir Thomas Button entered Nelson River.
- 1654 — Louis XIV granted a concession to Nicholas Denys to mine gold, silver, copper and other minerals on Cape Breton Island.
- 1672 — Nicholas Denys reported the discovery of coal on Cape Breton Island.
- 1677 — Intendant of New France, M. Duchesneau, proclaimed the imposition of a royalty of 20 sous per ton on coal mined in Cape Breton.
- 1711 — Admiral Walker obtains coal in Cape Breton.
- 1720 — First coal produced in Canada by regular mining methods on north side of Cow Bay, Cape Breton, Nova Scotia.
- 1724 — Coal was exported from Cape Breton to Boston.
- 1732 — La Verendrye reached Lake Winnipeg.
- 1737 — Iron ores smelted on St. Maurice River, Quebec, by Cugnet & Cie. or "La Compagnie des Forges".
- 1744 — Publication of Bellin's map showing existence of silver-lead ores on Lake Temiskaming, Quebec, now known as the Wright mine.
- 1754 — Hendry reached Saskatchewan River from Hudson Bay.
- 1770 — Jesuit Fathers experimented with native copper found at Point Mamainse, north shore of Lake Superior.  
Alexander Henry, English trader, formed a mining company, in which the Duke of Gloucester and other prominent Englishmen were partners, to develop minerals near Sault Ste. Marie, Ontario.
- 1771 — Samuel Hearne, Hudson's Bay clerk, prospects the Copper Mine River area, Northwest Territories, for copper.
- 1779 — Earliest recorded gypsum mining operations by settlers, Nova Scotia.
- 1782 — Coal mined in vicinity of Grand Lake, New Brunswick.
- 1784 — Government commenced systematic coal mining on northwest shore of Sydney Harbour, Nova Scotia.
- 1789 — Sir Alex. MacKenzie discovers coal on Great Bear River, Northwest Territories.
- 1800 — First iron furnace in Ontario erected in Leeds county at Furnace Falls (Lyndhurst) by D. Sherwood, S. Barlow, W. Sutherland and E. Jones.  
David Thompson discovers coal on Saskatchewan River.
- 1813 — Blast furnace erected by John Mason at Normandale, Norfolk county, Ontario, used unsuccessfully in treating bog ores.
- 1820 — Blast furnace erected in Marmora township, Hastings county, Ontario, by Mr. Hayes.
- 1822 — First record of gypsum mining in Ontario, near Paris.  
Normandale iron furnace commenced successful iron smelting operations in Ontario under Mr. Van Norman.
- 1823 — Placer gold discovered on Chaudière River, Quebec, by a woman.  
First gypsum mill operated in Ontario.
- 1826 — General Mining Association formed in Nova Scotia.
- 1829 — Lièvre River apatite deposits in Quebec discovered.
- 1830 — First mining shaft in Nova Scotia sunk on Sydney main coal seam.



- 1835 — Coal discovered at Suquash, Vancouver Island, through information supplied by Indians.
- 1840 — First hydraulic cement made in Canada at Hull, Quebec.
- 1843 — Geological Survey of Canada instituted under Sir Wm. Edmund Logan.
- 1846 — Silver veins reported in vicinity of Thunder Bay, Lake Superior.  
Ascanio Sobrero, Italian, first makes nitroglycerine.  
Oil seepages reported on Gaspé Peninsula by Sir Wm. Logan.
- 1847 — Normandale iron furnace in Ontario shut down owing to lack of ore and fuel.  
First mention of copper ores in Eastern Townships, Quebec, in Geological report, 1847-48.  
Gypsum mining operations commenced near Hillsborough, New Brunswick.
- 1848 — Montreal Mining Company commenced mining at Bruce Mines, Ontario.
- 1850 — Indians located Douglas coal seam at Nanaimo, British Columbia.
- 1852 — August 24, J.W. McKay, Hudson's Bay Co. factor, sent by James Douglas from Victoria to take possession of Nanaimo coal field and collect royalty from users of coal.  
Free gold discovered in quartz at Mitchell Harbour, Queen Charlotte Islands, causing the first auriferous quartz rush in British Columbia.
- 1853 — March 26, Governor Douglas, Victoria, as Lieutenant Governor of Queen Charlotte Islands, Crown Colony, issued the first proclamation relating to mining in British Columbia.
- 1855 — Placer gold found at the mouth of Pend d'Oreille River, British Columbia, by ex-servants of the Hudson's Bay Company at Fort Colville.
- 1857 — Sir James Hunter located coal on Souris River, Manitoba.  
Placer gold reported at the junction of the Fraser and Thompson Rivers, British Columbia.  
Gold washed from sand beach near Halifax, by John Campbell.  
December 28, James Douglas issued proclamation regarding working of gold mines located chiefly in the Kamloops, Ashcroft, and Vernon areas of British Columbia.
- 1858 — Introduction of Canadian decimal currency.  
Legislature of Nova Scotia obtained possession and control of mines and minerals of province.  
First producing oil well on American continent opened in Lambton county, Ontario.  
Discovery of placer gold in the lower reaches of the Fraser River, British Columbia, caused rush to Yale, Hope and Canyon by miners from California and other foreign parts.
- 1859 — Passage of the Goldfields Act, British Columbia, Sept. 7.  
Placer miners penetrate to Cariboo and Quesnel, British Columbia.  
Canadian silver coinage issued.
- 1860 — John Pulsiver discovered gold in Tangier district, Halifax county, Nova Scotia.  
First drilling for oil in Gaspé, Quebec.  
Pete Toy bar discovered at the Parsnip and Findlay Rivers, British Columbia.  
Government Assay Department established at New Westminster, British Columbia.  
Crushing plant erected at Wellington Copper Mine, Ontario.
- 1861 — Gold discovered in Oldham district, Halifax county, Nova Scotia.
- 1862 — Gold discovered in Lawrencetown, Isaacs Harbour and Renfrew districts, Nova Scotia.  
Mint established in British Columbia. Ceased operations a few years later.
- 1863 — Miners from the State of Washington ascending the Kootenay, established Wildhorse Creek diggings, British Columbia.  
Issue of a comprehensive Geology of Canada under Sir William Logan.
- 1864 — Placer gold located on Leech Creek, British Columbia.  
Copper claims staked on Howe Sound and Knight Inlet.
- 1865 — Dewdney trail completed to Wildhorse from Hope, British Columbia, to enable gold escorts to reach Victoria on British territory.  
Placer claims staked on Big Bend area of Columbia River, British Columbia, by former Cariboo miners.  
Gold discovered in Mount Uniacke district, Nova Scotia.  
Eustis mine opened in Eastern Townships, Quebec.



- 1866 — First discovery of gold in Canadian Pre-Cambrian shield near Madoc, Hastings county, Ontario, known as Richardson mine, made by a Dutch prospector named Powell, and associates. Thos. McFarlane discovered high-grade silver ores in Ontario on an island in Lake Superior. (Silver Islet mine).  
First recorded production of salt in Ontario, near Maitland River.  
Alfred Bernard Nobel discovered the method of making dynamite.
- 1869 — Gold discovered in Fifteen Mile Stream district, Nova Scotia.  
Gold discovered in Yukon River.  
Salt produced at Seaforth, Ontario.  
Transfer of Hudson's Bay Company Lands (Rupert's Land) to Dominion of Canada.
- 1870 — First commercial shipments of apatite in Canada made from North Burgess township, Ontario.  
Montreal Mining Company sold Lake Superior mining lands, including Silver Islet.
- 1871 — First recorded production of soapstone in Quebec from Bolton township, Brome county.  
Dominion Lands Survey Branch created.  
Huronian mine (Moss) N.W. Ontario, located by Peter McKellar on advice of an Indian.  
First staking of silver ores on Eureka Mt., near Hope, British Columbia.
- 1873 — Dease Lake areas, British Columbia, staked for placer gold; first staker W.H. Smith.  
Omineca placer mining area began to open up and Manson creek settlement established.
- 1877 — Geological Survey of Canada recognized by Act of Parliament.
- 1878 — Asbestos first mined in Quebec by Andrew Johnston (Johnston Asbestos Co.).  
Gold discovered at Lake of the Woods, Ontario.
- 1879 — Coal fields of the Crow's Nest Pass, British Columbia, opened.
- 1880 — Geological Survey offices and museum moved from Montreal to Ottawa.
- 1881 — Quebec Technical Mines Branch formed as division of Crown Lands Department.  
Zenith zinc mine discovered, Nipigon district, Ontario.
- 1883 — Copper-nickel ores discovered near Sudbury (Murray mine) by Thos. Flanagan.  
Miners penetrated into the West Kootenay district, British Columbia, locating mines on Kootenay River and Kootenay Lake.
- 1884 — Worthington mine, Sudbury area, Ontario, discovered by F.C. Crean.  
Silver Islet mine, Lake Superior, abandoned.  
Kingdon lead mine deposits, Carleton county, Ontario, worked.  
Thos. Frood and A.J. Cockburn discovered Frood mine, Sudbury area, Ontario.  
Renaldo McConnell discovered copper-nickel ore in Snyder township, Ontario.
- 1885 — Samuel J. Ritchie organized Canadian Copper Company.  
Copper Cliff mine, Ontario, discovered.  
Henry Ranger located Creighton mine, Sudbury area; ore deposit first noted by Surveyor Salter and Geologist Murray.
- 1885 — Canadian Pacific Railway completed.  
John Chance staked Granite Creek placer deposits in British Columbia.  
Cayoosh Creek placers staked in British Columbia.  
James Stobie discovers Stobie mine, Sudbury area, Ontario.
- 1886 — First shipments of coal from Lethbridge area, Alberta.  
First complete statistical returns issued by Geological Survey of Canada.  
Incorporation of Canadian Copper Company.  
First stakings in Boundary Creek area, British Columbia, by W.T. Smith.  
First officially recorded Canadian mica production in Ontario and Quebec.  
Stobie and Evans mines, Sudbury district, opened.
- 1887 — R.W. MacArthur and Wm. Forest discovered cyanide process for gold extraction, at Glasgow, Scotland.
- 1888 — Asbestos first milled in Quebec by Scottish Canadian Asbestos Co.  
Coal discovered near Banff, Alberta.  
Coal mining commenced at Canmore, Alberta.  
First smelter blown in at Copper Cliff, Ontario, December 24th.  
Monarch mine on Canadian Pacific Railway at Field, British Columbia, opened.  
Discovery of natural gas in Essex county, Ontario.



- 1889 — Levack mine, Sudbury area, Ontario, discovered by James Stobie.  
H.H. Vivian and Company of Swansea, Wales, started organized mining operations in Sudbury area.  
Discovery of Leamington gas field in Ontario.  
James Riley, Glasgow engineer, discovered the hardening and toughening effect of nickel in steel making.  
Rossland Camp at head of Trail Creek, British Columbia, opened by staking of Lily May by Joe Bourgeois.
- 1890 — Coal first mined in Turtle Mountain field, Manitoba. Vaden mine.  
First smelter blown in at Murray mine, Sudbury. Matte shipped to Wales.
- 1891 — First shipments from Rossland, British Columbia, to Colorado Smelting Works, Butte, Montana.  
Sultana mine, Lake of Woods district, Ontario, opened; closed 1906.  
The United States navy concluded successful experiments using nickel-steel for the first time as armour plate.  
Bureau of Mines, Ontario, organized.  
Garson Mine, Sudbury, discovered by John T. Cryderman.
- 1892 — Col. R.M. Thompson developed the Orford nickel-copper separation process.  
Dr. Ludwig Mond developed the Mond copper-nickel separation process.  
Sullivan camp, British Columbia, commenced by staking of the Hamlet, etc., claims by Pat Sullivan, John Cleaver, E.C. Smith and W.C. Burchett.
- 1893 — Kneehills coal mines, Alberta, opened.  
Mikado mine, Lake of Woods district, Ontario, discovered.
- 1894 — Pilot Bay smelter constructed and silver-lead-zinc mines of Ainsworth and Slocan, British Columbia, became active.
- 1895 — Sullivan mine, British Columbia, commenced shipping.
- 1896 — Salt produced in Dauphin Lake district, Manitoba, sold to settlers.  
Iron ore bounties inaugurated.  
Black Donald graphite mine, Renfrew county, Ontario, discovered and operated in 1897.  
Discovery of placer gold in Klondike, Yukon Territory.  
Hall mines smelter at Nelson, British Columbia, opened.  
Iron Mask staked August 13 at Kamloops, British Columbia, by Geo. Breedson.  
B.C. Smelting and Refining Company started smelting Rossland ores at Trail in February—  
Promoters: D.C. Corbin and August Heinze.
- 1897 — Pioneer mine, British Columbia, located September 6, by Wm. Allen.
- 1898 — Atlin goldfields, British Columbia, discovered by prospectors turning aside from the Klondike gold rush; Rainy Hollow copper deposits discovered in same manner.  
Pioneer and other claims staked on Cadwallader Creek, British Columbia.  
Britannia mine deposits, British Columbia, discovered by Oliver Furry.
- 1899 — Helen iron mine, Ontario, opened by Algoma Steel Corporation.  
Frood mine, Sudbury, opened.  
Sunset claim, Copper Mountain, British Columbia, staked.  
Granby Consolidated Mining, Smelting and Power Co., British Columbia, incorporated.
- 1900 — Mond Nickel Company incorporated.  
Corundum mining commenced in Renfrew county, Ontario.  
Klondike gold production reaches maximum.  
Nova Scotia Steel and Coal Co. acquire Sydney coal mines of General Mining Association.  
Granby Smelter at Grand Forks, British Columbia, started April 1st.  
Bonanza mine, Observatory Inlet, British Columbia, discovered by Donahue and H.C. Flewin.  
Smelter at Greenwood Camp, British Columbia, blown in on August 21.  
Talc mining started in Hastings county, Ontario.
- 1901 — First wells drilled for natural gas in Medicine Hat field, Alberta.  
Creighton mine, Sudbury area, commenced production.  
Crofton smelter, British Columbia, started.  
Britannia mine, British Columbia, started shipping concentrates to Tacoma.  
Production of aluminum, Shawinigan Falls, Quebec.  
Hidden Creek mine, Observatory Inlet, British Columbia, discovered by McMillan, Rudge and H.C. Flewin.



- 1901 — Boundary Falls smelter, British Columbia, started.  
Tyee smelter, British Columbia, started.  
First active development of gypsum deposits in Manitoba, the Manitoba Union Mining Company erecting a crushing and calcining mill on Portage Bay.
- 1902 — Incorporation of International Nickel Company of New Jersey.  
Marysville smelter, British Columbia, constructed.  
Electrolytic lead (Betts process) made at Trail, British Columbia.
- 1903 — High grade silver-cobalt minerals discovered at Long Lake, later known as the Cobalt Camp, Temiskaming district, Ontario.  
St. Anthony mine, Sturgeon Lake, commenced producing.  
Settlement of Alaska Boundary dispute.  
Mining commenced at Hedley, British Columbia.  
First recorded natural gas production in Alberta.
- 1904 — Nipissing Mines incorporated.  
La Rose Mine, Cobalt, started producing.  
W.G. Trethewey located Trethewey mine, Cobalt, Ontario.  
Coniagas mine located, Cobalt, Ontario.  
First flotation plant in Canada operated at Rossland, British Columbia.
- 1905 — Atikokan iron mine, Ontario, equipped for production.  
Buffalo mine, Cobalt, Ontario, started operating.  
First recorded shipment of Canadian fluorspar, Madoc, Ontario.  
Original test work on cyaniding cobalt ores in Canada carried out at School of Mining, Kingston, Ontario. Mining commenced at O'Brien mine, Cobalt, Ontario.
- 1906 — January 18th, Consolidated Mining and Smelting Co. of Canada incorporated.  
Ontario Mining Act passed.  
Discovery of gold by Ollier and Renault on Lake Fortune (Lake Fortune Mine), Quebec.  
Silver discovered at Elk Lake, Ontario.  
Gold discovered at Larder Lake, Ontario. Kerr-Addison, Chesterville, Dr. Reddick, Larder Lake Proprietary, Harris-Maxwell and many other properties staked.  
First electrical mining equipment used in Canada installed at Creighton mine, Sudbury district, Ontario.
- 1907 — Silver discoveries at Gowganda, Ontario.  
Silver discovered in South Lorraine, Ontario.  
Supplementary Revenue Act imposes tax on mining profits in Ontario.  
Federal Department of Mines created under a Minister of Mines.  
Silver and arsenic produced at Deloro, Ontario, from silver-cobalt-nickel-arsenic ores of the Cobalt district of Ontario.
- 1908 — First gold discovery in Porcupine area, Ontario, by H.F. Hunter.  
Gold mills operated in Larder Lake district at Harris-Maxwell, Larder Lake, Proprietary and Dr. Reddick properties; district was later dormant for several years.  
First silver production from South Lorraine, Ontario.  
Branch of Royal Mint established at Ottawa, Ontario.  
First shipments of magnesite from deposits in Grenville township, Quebec.
- 1909 — Hollinger mine gold veins discovered by Benjamin Hollinger, John Miller and Alex. Gillies.  
McIntyre mine veins, Porcupine, Ontario, discovered by Alex. McIntyre.  
Dome mine deposits, Porcupine, Ontario, discovered by John Wilson and associates.  
Cyaniding of low-grade ores commenced at O'Brien mine, Cobalt, Ontario.
- 1910 — Premier mine, British Columbia, discovered by Bunting Bros. and Wm. Dilworth.  
Mixed nickel and cobalt oxides produced at Deloro, Ontario.
- 1911 — First gold discovery in vicinity of Kirkland Lake, Ontario, made by W.H. Wright on what is now known as the Wright-Hargreaves mine.  
Porcupine camp destroyed by fire with heavy loss of life.  
Discovery of gold by J.J. Sullivan and H. Authier in Dubuisson township, Quebec.  
First recorded discovery of gold in Manitoba by Major E.A. Pelletier at Rice Lake.  
First shipment of British Columbia gypsum used in cement manufacture.  
Victoria Memorial Museum, Ottawa, completed.  
Black cobalt oxide and grey cobalt oxide first marketed from Deloro, Ontario.
- 1912 — Hollinger mine, Porcupine, commenced first milling operations.  
Low-grade cyanide process installed at Nipissing mine, Cobalt.



- 1912 — Copper Mountain claims, British Columbia, taken over by British Columbia Copper Co. Natural gas production commenced in Stoney Creek field, New Brunswick.  
Harry Oakes staked ground later known as Lake Shore Mine at Kirkland Lake, Ontario.
- 1913 — Tough-Oakes mine, Kirkland Lake camp, Ontario, shipped high-grade cobbled ore.  
Gold discovered on Kirkland Lake properties known later as Lake Shore, Teck-Hughes, Kirkland Lake and Sylvanite mines.  
Smelting of nickel ores commenced by Mond Nickel Co. at Garson, Ontario, May 15.  
Incorporation of British America Nickel Co., Ltd.
- 1914 — Supplementary Revenue Act in Ontario changed to The Mining Tax Act.  
Doctor T.O. Bosworth staked petroleum claims at Fort Norman, Northwest Territories.  
Granby copper smelter, at Anyox, British Columbia, blown in.  
Cyanidation first used in Kirkland Lake camp, at Tough-Oakes mine.
- 1915 — Siscoe mine claims staked in Quebec by S.E. Siscoe.  
Flin Flon ore deposits discovered by Thos. Creighton representing the Hammell-Currie-Fasken syndicate.  
Mandy mine, Manitoba, discovered.
- 1916 — Construction commenced on nickel refinery at Port Colborne, Ontario.  
Incorporation of International Nickel Co. of Canada.  
Falconbridge Nickel deposits, Sudbury district, Ontario, later known as Falconbridge Nickel Mines, discovered by drilling.  
Pioneer mine, British Columbia, commenced drilling operations.  
Electrolytic refined copper and zinc first produced at Trail, British Columbia.  
Magnesium was produced at Shawinigan Falls.
- 1917 — Teck-Hughes mine, Kirkland Lake, started milling.  
Mandy mine, Manitoba, produces.
- 1918 — Tough-Oakes mine temporarily closed.  
Refined nickel produced in Canada at Port Colborne plant of International Nickel Co.  
Premier mine, British Columbia, came into production.
- 1919 — Lake Shore, Wright-Hargreaves and Kirkland Lake mills commenced operations.  
Ontario Department of Mines formed.  
Smelter of British America Nickel Co. at Nickelton, Ontario, and refinery at Deschenes, Quebec, commenced operations.  
L. Beauvet discovered silver-lead ores at Keno Hill, Mayo district, Yukon.  
First salt shipments from Malagash deposits in Nova Scotia.
- 1920 — Rock salt discovered at Fort McMurray, Alberta.  
The first well, Discovery No. I, drilled at Fort Norman, Northwest Territories, by the Imperial Oil Company Ltd.; petroleum found at 783 feet.  
Mandy mine, Manitoba, suspends operations.  
Grand Forks smelter closed.
- 1921 — Noranda ore deposits, Quebec, staked by Ed. Horne.  
First shipments of silver-lead ores from Mayo, Yukon.  
Rubber mill liners used at Nipissing mill, Cobalt, Ontario.
- 1922 — Amulet mine claims, Quebec, staked by McDonough Brothers.  
Rod mills appeared as milling equipment in Canadian mining plants.  
Drilling commenced in Wainwright oil field.
- 1923 — Granada mine claims, Rouyn, Quebec, staked by R.C. Gamble et al.  
Sherritt-Gordon ore deposit staked by Carl Sherritt and Phillip Sherlett in January.  
Red Coulee well first to reach oil in Sunburst formation, southern Alberta.
- 1924 — British America Nickel Co. went into liquidation.  
Royalite No. 4 well, Turner Valley, Alberta, brought into production.  
Lithium ore discovered near Pointe du Bois, Manitoba.
- 1925 — Discovery of gold in Red Lake district by Lorne Howey on what was later known as the Howey mine.  
Silver-lead ores milled at Wernecke, Yukon.  
Waite-Ackerman-Montgomery mine claims staked by H. Montgomery.  
Allenby Copper Company took over Copper Mountain claims in August and shipped concentrates to Trail, British Columbia.
- 1926 — Aluminum first produced at Arvida, Quebec, by Aluminum Company of Canada.  
Falconbridge Nickel Mines incorporated.



- 1927 — Noranda mine commenced shipping; smelter operated for first time.  
Central Manitoba mine operated mill for first time.  
Sherritt-Gordon mines incorporated in Ontario, July 5.
- 1928 — Collapse of Worthington mine.  
Waite-Ackerman-Montgomery mine started shipping.  
Merger of Mond and International Nickel Companies.  
Coniaurum mill, Porcupine camp, Ontario, commenced production in July.  
March mine, Porcupine camp, Ontario, came into production.  
Disastrous underground fire, in February, at Hollinger mine, Porcupine camp, Ontario — 39 lives lost.  
Argonaut and Associated Goldfields suspended gold mining operations in Ontario.  
Tough-Oakes-Burnside mine closed November 28.
- 1929 — Red Coulee field, Alberta, began petroleum production.  
Siscoe gold mine, Quebec, started production.  
New 300-ton mill of Monarch mine, British Columbia, started producing.  
Dome mine mill, Porcupine camp, Ontario, destroyed in October by fire.  
New surface plant at Froid mine, Sudbury, Ontario, placed in operation.  
McIntyre mine, Porcupine, Ontario, erected small flotation plant.
- 1930 — Gold discovered in Bannockburn township, Ontario, on what was later known as the Ashley mine.  
Mill installed on Minto mine, Michipicoten, Ontario.  
New mill at Howey mine, Red Lake, Ontario, commenced operations April 2.  
Silver-radium ores discovered by G. Labine at Great Bear Lake, Northwest Territories.  
Granada mine, Quebec, commenced production.  
Manitoba, Saskatchewan and Alberta took over natural resources from Federal Government.  
Island Falls power plant, Manitoba, operated for first time, June 1.  
First refined zinc produced in November at Flin Flon, Manitoba, by Hudson Bay Mining and Smelting Co.  
First blister copper produced at Flin Flon, Manitoba, in December.  
New smelter of International Nickel Co. blown in at Copper Cliff, July 1.  
New electrolytic copper refinery of Ontario Refining Co. placed in operation at Copper Cliff, Ontario.  
New Falconbridge Nickel Mines smelter blown in February 4.  
Bismuth first produced at Trail, British Columbia.  
Fuming plant constructed at Trail, British Columbia, for recovery of lead and zinc.  
Copper Mountain Mine, British Columbia, closed down November 15.  
Canada attained position of the world's second greatest gold producer.  
Nitre cake and sulphuric acid produced regularly in new plant of Canadian Industries Limited at Copper Cliff, Ontario.  
First discovery well drilled in Red Coulee field, Alberta.
- 1931 — Toburn (Tough-Oakes) mine, Kirkland Lake, reopened.  
Lake Shore mine, Kirkland Lake, Ontario, installs 200-ton flotation unit in mill.  
Gold discoveries made in Swayze and Three Duck Lake areas, Ontario.  
Parkhill and Minto mines in Michipicoten district, Ontario, came into production.  
Gold discovered at Island Lake, Manitoba.  
Commercial production of fertilizer commenced at Trail, and smoke claims against Consolidated Mining and Smelting Company settled.  
Nipissing Mining Company, Cobalt, Ontario, ceased mining silver-cobalt ores.  
Selenium produced for the first time in Canada by Ontario Refining Co. Ltd.  
Mining Corporation discontinued mining in South Lorraine, Ontario.  
Keeley Silver mine, South Lorraine, Ontario, closed.  
Canadian Copper Refiners Ltd., operated new copper refinery at Montreal East, Quebec.  
Regular production commenced by Sherritt-Gordon mill, Manitoba, April 1st.  
Equalization exchange premiums paid by Dominion Government to gold miners.  
Exports of gold bullion without licence prohibited by Dominion Government.  
Great Britain went off the gold standard on September 21, and was followed by many other countries.  
Big Missouri Mine, British Columbia, operated pilot mill.  
Nickel Plate mine, Hedley, British Columbia, closed down.  
Orford process plant completed at Copper Cliff, Ontario.  
Copper converters at Port Colborne, Ontario, closed down in August, preparatory to transferring Orford process to Copper Cliff.  
New Brunswick Power Commission plant came into operation in September, using Minto coal.  
Test shipments of Ontario lignite from Onakawana deposits, made to Germany.



- 1932 — Ashley mine, Ontario, commenced gold production in October.  
 Kenty mine in Swayze area, Ontario, sank two shafts.  
 O'Brien Cadillac mine, Quebec, commenced gold milling.  
 Sherritt-Gordon, Manitoba, suspended mining operations in June.  
 San Antonio gold mine, Manitoba, commenced production in May.  
 Beattie gold mines, Quebec, commenced construction of mill.  
 Treadwell Yukon Mining Co. commenced production of gold in new mill on Bussière claims in Quebec.  
 The United States imposed duty of 4 cents per pound, in June, on foreign copper.  
 McLeod River Mining Corporation operated gold dredge near Peers, Alberta.  
 Salt produced commercially for first time at Neepawa, Manitoba.  
 First commercial shipment of silver-radium ores from Great Bear Lake, Northwest Territories, silver ores being smelted at Trail, British Columbia.  
 Silver reached a record low of 24.5 cents in New York, December 29.  
 Eldorado Gold Mines commenced treatment of radium-bearing ores in new plant at Port Hope, Ontario.  
 Moss mine, Thunder Bay district, Ontario, commenced gold production.  
 Mill at Bralorne mine, British Columbia, placed in operation.  
 Gold discovered at God's Lake, Manitoba.  
 Domestic copper sold in the United States, December 6, at 5 cents per pound, Connecticut, an all-time low for the metal.  
 First officially recorded statistics of metal production for Saskatchewan.  
 Treadwell Yukon mill at Wernecke, Yukon, permanently shut down and camp abandoned.  
 Union of South Africa abandoned gold standard, December 28, 1932.  
 Small oil refinery operated at Fort Norman, Northwest Territories.  
 Gem Lake and Cryderman mines, Manitoba, commenced milling.
- 1933 — United States ratified the silver agreement of the London Economic Conference, December 22.  
 Amalgamation of Toronto and Standard Mining Stock Exchanges agreed upon.  
 Salt produced at Simpson, Saskatchewan.  
 Macassa mine, Kirkland Lake, Ontario, commenced milling.  
 United States went off gold standard April 19.  
 Cariboo Gold Quartz Mining Co. commenced production near Barkerville, British Columbia.  
 First absorption plant put into operation in Alberta to extract liquids from Turner Valley gas.  
 Milling commenced at Island Lake mine, Manitoba.  
 Milling commenced at San Antonio mine, Manitoba.  
 Monarch mine, Field, British Columbia, resumed production.  
 Beattie Gold Mines, Quebec, commenced production of concentrates.  
 Port Hope radium refinery in Ontario came into production; radium and uranium compounds produced commercially in Canada for the first time.  
 Green-Stabell Gold Mine, Quebec, commenced milling.  
 Oro Grande mine, Manitoba, commenced milling.  
 Reno mine, British Columbia, resumed production after destruction of mill by fire.  
 Seal Harbour Gold Mines Ltd. commenced operations in Nova Scotia.  
 Montague Gold Mines Ltd. commenced work in Montague district, Nova Scotia.  
 Gem Lake mines, Manitoba, taken over by Diana Gold Mines Ltd.
- 1934 — Perron gold mine commenced milling in July—northwest Quebec.  
 A well, Century 1, completed in Turner Valley, Alberta, produced crude oil instead of naphtha-laden gas.  
 Fifty-ton amalgamation mill came into production at McWatters mine, northwest Quebec.  
 Milling commenced at Sullivan mine, northwest Quebec, in May.  
 Milling commenced at Little Long Lac mine, Ontario, November 24.  
 Milling commenced at J.M. Consolidated mine, Patricia district, Ontario, in May.  
 Milling commenced at Northern Empire mine, Ontario, March 13.  
 Milling commenced at Matachewan Consolidated Mine, Matachewan district, Ontario.  
 Milling commenced at Young-Davidson mine, Matachewan district, Ontario, on September 8.  
 Milling commenced at Central Patricia mine, Patricia district, Ontario, on May 27.  
 Tetreault mine, Portneuf county, Quebec, resumed production in November.  
 First actual production of selenium in Quebec; recovered by Canadian Copper Refiners Ltd. from anode copper from Noranda smelter.  
 Lloydminster No. 1 first commercial gas well in Saskatchewan came in at 1,975 feet, Lloydminster, March 30.  
 Lloydminster first town in Saskatchewan to use natural gas.



- 1934 — Discovery of gold south of Beaverlodge Lake, Saskatchewan, by C. Nyman or Tom Box. January 31, the President of the United States issued a Proclamation reducing the gold weight of the United States dollar from 25.8 to 15 5/21 grains, 0.9 fine. Dominion Tax on gold came into effect April 19. Bralorne mill, British Columbia, capacity increased and late in the year milling was commenced at the Dentonia, Island Mountain and Kootenay Belle properties. Operations at Oro Grande mine, Manitoba, taken over by Beresford Lake Mines Ltd., production suspended. Guysboro Mines Ltd., Goldenville, Nova Scotia, commenced operations in July. Rock wool industry established in Canada. Operations resumed at Rex mine (Laguna), Manitoba. Operations resumed at Gem mine, Manitoba, by Diana Gold Mines Ltd.
- 1935 — Monarch mine, Field, British Columbia, suspended milling on December 5. Treadwell Yukon Company Limited installed a new mill at Elsa mine, Mayo district, Yukon. Chromite ore smelted by Chromium Mining & Smelting Corporation Limited at Sault Ste. Marie Ontario. Operations suspended at Canusa mine, Porcupine district, in September. Dominion Government transferred gold held against Dominion notes to Bank of Canada. Milling commenced at Pickle Crow mine, Patricia district, Ontario, on May 1. Milling commenced at Ross mine, Hislop township, Ontario, on January 1. Milling commenced at McKenzie Red Lake mine in February. Bank of Canada commenced operations on March 11. Silver held by Dominion Government transferred to Bank of Canada. United States Government's buying price of domestic silver raised to 77.57 cents in April. Gold bullion tax discontinued after May 31 and depletion allowances revised for payments of gold mining dividends. British Metals Corporation resumed operations in October at Sterling mine in Nova Scotia. In northwest Quebec, the Arntfield, Canadian Malartic and Lamaque gold mines came into production. Gold-bearing veins discovered in Sachigo River area, Patricia district, Ontario. In British Columbia, new mills came into production at Ymir Yankee Girl, Second Relief and Sheep Creek gold mines. First actual production of tellurium in Quebec; recovered from anode copper from Noranda smelter. Milling commenced at God's Lake mine, Manitoba, in September. Milling suspended at Island Lake mine, Manitoba. Colony gas wells Nos. 1, 2 and 3 came in at Lloydminster, Saskatchewan. Rt. Hon. Sir Montague Barlow, Bt., appointed September 13 by Alberta Government to report on Alberta coal mining industry. Bralorne and Bradian mines consolidated in British Columbia. The Granby Consolidated Mining, Smelting and Power Company closed down its Anyox operations in August and the company went into voluntary liquidation. Explosion at Lethbridge Collieries, Alberta, December 9—16 men killed. Milling of ore from the Nickel Plate mine, British Columbia (Kelowna Exploration Co.), was resumed after some years of inactivity and the capacities of Cariboo Gold Quartz and Island Mountain mills were increased. Granada Gold Mines, western Quebec, suspended production. Discovery of natural gas at Kakwa, Saskatchewan. Consolidated Mining & Smelting Company of Canada Ltd. commenced gold mining operations at Caribou, Nova Scotia, in August.
- 1936 — Imperial coal mine, Coalhurst, Alberta, abandoned. Pembina Peerless Colliery, Evansburg, Alberta, closed. Shawkey mine, northwest Quebec, brought into production in February. First cyanide gold mill erected in Nova Scotia, at Seal Harbour mine. Perron Mines, northwest Quebec, brought new 125-ton mill into production in February. Stadacona-Rouyn mine, northwest Quebec, brought into production in November. Ashley mine, Ontario, closed down in July. Pamour mine, Porcupine district, Ontario, went into production in May. Ardeen mine, Moss township, Ontario, closed down in December. Red Lake Gold Shore mine came into production in August. Argosy mine, Ontario, opened 125-ton mill in July. Extensions made to both International and Falconbridge Nickel Companies' plants. Gunnar gold mine, Manitoba, commenced production in May.

- 1936 — Rex mine (Laguna), Herb Lake, Manitoba, resumed production in August.  
 Clean-up operations conducted and final shipments made at Anyox copper mine, British Columbia.  
 Copper Cliff smelter enlarged by two furnaces and seven converters.  
 Ore dressing plant, mill and smelter at Falconbridge Nickel Mines enlarged.  
 Turner Valley Royalties No. 1 brought in as the first big crude oil producer in Turner Valley field.  
 Cadmium metal produced for first time by Hudson Bay Mining & Smelting Company at Flin Flon.  
 Amendment to Income Tax Act in May exempted new producing metal mines for 3 years.  
 Thompson Cadillac mine, western Quebec, commenced milling in June.  
 Belleterre mine, western Quebec, commenced milling in October.  
 Road from Amos to Val d'Or, Quebec, completed.  
 Milling capacity increased to 325 tons a day at San Antonio mine, Manitoba.  
 Adolph Studer discovered gold in September at Sulphide Lake, Saskatchewan.  
 25-ton gold mill erected on Monarch claim, Amisk Lake, Saskatchewan.  
 In British Columbia production was resumed at the Surf Inlet mine. New mills began operating in British Columbia at the Bayonne, Hedley Mascot and Wesko mines and the flotation mill at Kootenay Belle was replaced by a cyanide mill of greater capacity.  
 The Dentonia flotation mill, British Columbia, ceased operating.  
 Production of elemental sulphur and other products from lean roaster gases was commenced on a commercial scale at the Trail smelter.  
 Cave-in at Moose River gold mine, Nova Scotia — April.
- 1937 — Milling commenced in July at Delnite mine, Porcupine district, Ontario.  
 Milling commenced at Raven River mill, Larder Lake district, Ontario.  
 Sand River mine, Thunder Bay district, Ontario, came into production.  
 Gurney gold mine, Manitoba, came into production in October.  
 Production resumed at Sherritt-Gordon mine, Manitoba, on August 1.  
 Production resumed at Copper Mountain mine, Allenby, British Columbia, in June.  
 Bousquet and McMillan mines, Sudbury district, closed.  
 New Golden Rose cyanide mill, Temagami district, Ontario, completed.  
 Tashota mine, Ontario, closed down in October.  
 Gold Eagle mine, Patricia district, completed mill in October.  
 Hudson Patricia mine, Patricia district, closed.  
 Milling commenced at Bankfield mine, Ontario, in June.  
 Aldermac mine, western Quebec, resumed production in January.  
 Sigma mine, western Quebec, commenced milling in March.  
 Powell Rouyn mine, western Quebec, went into production; first shipment in June.  
 Waite Amulet mines, western Quebec, resumed production in June.  
 Cournor mine, western Quebec, resumed production.  
 Normetal mine, western Quebec, went into production in September.  
 Tetreault mine, Portneuf county, Quebec, closed.  
 Goldfield, Saskatchewan, officially created a village in September.  
 Western Gem coal mine, Drumheller, Alberta, abandoned.  
 Regular mining and milling operations suspended at Central Manitoba mines, July 8.  
 First commercial shipment of lithium minerals in Canada made from Pointe du Bois district, Manitoba.  
 Gold Clauses Act passed (obligation to pay in gold not required).  
 Nova Scotia Government reopened Lacey mine as a training project.  
 Colliery No. 20 opened at New Aberdeen, Nova Scotia, by Dominion Coal Co.  
 New gold mills commenced operating at Polaris-Taku (November), and Durango mines, British Columbia.  
 The Quebec legislature passed a law enacting that a company must be constituted by a Quebec charter to acquire mining rights belonging to the Crown.  
 Beresford Lake Mines Ltd., Manitoba, resumed production in December.  
 Natural gas discovered at Kamsack, Saskatchewan.
- 1938 — Mesabi mine, Kirkland Lake district, came into production in May.  
 Gas explosion at Hinton Collieries, Hinton, Alberta, March 30.  
 A vocational mine school was organized by Quebec Bureau of Mines at Gale mine.  
 Tionaga mine, Sudbury district, Ontario, came into production.  
 Parkhill and Algold mines, Algoma district, Ontario, closed down.  
 Morris Kirkland mine ceased operations in July.  
 Madsen Red Lake mine came into production in August.  
 Sachigo River mine, Patricia district, Ontario, started milling in May.



- 1938 — Consolidated-Rycon mill came into production in September — Yellowknife, Northwest Territories.
- Hasaga mines, Red Lake, Ontario, took over Red Lake Gold Shores mill.
- Privateer and Spud Valley mines, Zeballos district, British Columbia, commenced milling in the latter part of the year.
- Gold Belt mine in the Sheep Creek camp, British Columbia, commenced milling.
- Milling ceased at the Durango and Wesko properties, British Columbia.
- Queens Mines Ltd. commenced operations during January in Molega district, Nova Scotia.
- British Metals Corp. (Canada) Ltd. closed down mining operations at Stirling, Nova Scotia, in February.
- Moneta mine, Porcupine district, brought into production in January.
- Big Missouri mill in Portland Canal area, British Columbia, came into production in May.
- Development of Box mine near Goldfields, Saskatchewan.
- Cariboo Hudson mine, British Columbia, commenced producing.
- New mines commencing production in Quebec were the East Malartic, Francoeur, Halliwell, Lapa Cadillac, Lake Rose, Pan Canadian, Payore and Sladen-Malartic.
- C.N.R. Bonnetterre-Rouyn line completed in northwest Quebec.
- Commercial production of mercury at Mud Creek, British Columbia.
- Hallnor mine, Porcupine district, Ontario, brought into production in June.
- Milling commenced in June at Golden Gate mine, Kirkland Lake district, Ontario.
- Upper Canada mine, Kirkland Lake district, Ontario, came into production.
- Kerr-Addison mine, Larder Lake, commenced milling on May 2.
- Cline mine, Algoma district, Ontario, commenced milling in July.
- McLeod-Cockshutt and Hardrock mines in Thunder Bay district, Ontario, started milling and Magnet mine shipped ore.
- Gold discovered at Thompson, Wray and Russell Lakes, Northwest Territories.
- Straw Lake Beach mine, Kenora district, Ontario, started milling.
- Lapa Cadillac mine, western Quebec, commenced milling in August.
- Eastern Malartic mine, western Quebec, commenced milling in November.
- Tombill mine, Thunder Bay district, came into production in February.
- Discovery of bessemer-grade hematite ore at Steep Rock Lake, Atikokan, Ontario, reported in March.
- Tungsten mine opened at Goff, Nova Scotia.
- Colliery No. 18 opened at New Waterford, Nova Scotia, by Dominion Coal Co.
- Sladen-Malartic mine, western Quebec, commenced milling in January.
- Pan Canadian mine, western Quebec, went into production in May.
- Payore mine, western Quebec, commenced milling in June.
- Lake Rose mine, western Quebec, commenced milling in June.
- Francoeur mine, western Quebec, went into production in August.
- A superior School of Mines, Geology and Metallurgy established in Quebec city.
- Canadian Kaolin Silica Products Ltd. remodelled and enlarged its silica plant at St. Remi, Papineau county, Quebec; daily capacity increased to 500 tons.
- Belleterre Quebec Mines Ltd. completed the erection of a hydro-electric power plant on Winneway River, Guillet township.
- Oil found in wells at Lloydminster and Vara, Saskatchewan.
- 1939 — New Gold Clauses Act passed.
- Negus mine, Yellowknife, Northwest Territories, came into production in February.
- Eustis mine, Quebec, closed permanently.
- Exports of copper, lead, zinc and various other metals and minerals prohibited without licence.
- New Helen iron mine, Michipicoten district, Ontario, resumed production.
- September 1, German army invades Poland.
- September 3, Germany and Great Britain at war.
- September 10, Canada declared war against Germany.
- Income Tax amendment afforded tax credit to mining industry as a whole.
- Amm gold mine, western Quebec, went into production in March.
- Mooshla mine, western Quebec, went into production in August.
- Malartic Gold Fields mine, western Quebec, commenced milling in December.
- Chesterville mine, Larder Lake, Ontario, came into production in June.
- Tyranite mine, Matachewan district, Ontario, came into production in June.
- Ronda mine, Sudbury district, Ontario, produced from January to August.
- Preston East Dome mine, Porcupine district, Ontario, came into production in March.
- Magnet Consolidated Gold Mine, Thunder Bay district, Ontario, commenced milling in July.

- 1939 — Uchi mine, Patricia district, Ontario, commenced milling in May.  
 Cochenour Willans, Patricia district, Ontario, came into production in March.  
 Kenricia mine, Kenora district, Ontario, started milling in July.  
 Agwa mine, Ontario, began milling in July; closed down September 30.  
 Guysborough Mines Limited open new mine at Lake Charlotte, Nova Scotia.  
 Tungsten mine at Indian Path, Nova Scotia, reopened by Siscoe Gold Mines Ltd.  
 Wood Cadillac mine, western Quebec, commenced milling in December.  
 Bay View Colliery No. 8 opened at Joggins, Nova Scotia, by Joggins Coal Co. Ltd.  
 Central Cadillac mine, western Quebec, commenced milling operations in November, using Thompson-Cadillac mill.  
 Waite Amulet Mines Ltd. built a new mill at Amulet mine.  
 Canadian Refractories Limited started development of large brucite deposits in the Gatineau district of Quebec.  
 De Santis mine, Porcupine district, Ontario, commenced milling in July.  
 Broulan mine, Porcupine district, Ontario, commenced milling in November, using Mace mill.  
 Porcupine Lake mine closed down in April.  
 Mace mine, Porcupine district, Ontario, closed down in November.  
 New 150-ton mill of Upper Canada Mines, Kirkland Lake district, started.  
 Raven River mine ceased milling, Larder Lake, Ontario, in July.  
 Kerr-Addison mine, Larder Lake, Ontario, increased mill to 900 tons.  
 Tionaga mine, Sudbury district, Ontario, closed down in May.  
 Lebel Oro mine, Sudbury district, Ontario, closed down in October.  
 Algoma Summit mine, reopened under name of Magino.  
 Minto mine, Algoma district, Ontario, closed down July 31.  
 Ranson mine, Algoma district, started in July.  
 Hiawatha mine, Algoma district, Ontario, suspended operations in July.  
 Jellicoe mine, Thunder Bay district, Ontario, commenced ore shipments to Magnet mill in August.  
 Berens River mill, Patricia district, Ontario, started September 8.  
 Elora mill, Kenora district, Ontario, closed down in September.  
 Cordova mine, Hastings county, Ontario, resumed production in December.  
 Laguna (Rex) mine, Manitoba, suspends operations in December.  
 Gurney mine, Manitoba, suspends operations in November.  
 Box mine mill, Goldfields, Saskatchewan, commenced operating in July.  
 Hillcrest Collieries, Alberta, abandoned.  
 Commercial production of tungsten concentrates at Wells, British Columbia, by Columbia Tungsten Co. Ltd.  
 Late in the year mills were completed at the Central Zeballos and Mount Zeballos properties in British Columbia.  
 Coalmont Collieries, British Columbia, ceased operations in April.  
 Shipment of bentonite made from a deposit 7 miles northwest of Morden, Manitoba.  
 J.A. Coulombe reopened the Coulombe Titanic Iron Mine near St. Urbain, Charlevoix county, Quebec.  
 Montague Gold Mines Ltd. ceased operating in Nova Scotia during May.  
 Canadian base metals producers agree to supply the Imperial Government with copper, lead and zinc at prices prevailing shortly before the war.
- 1940 — April 9, Canadian Government announced the formation of the Department of Munitions and Supply.  
 May 10, Germany invaded Belgium, Holland and Luxembourg.  
 In Quebec the Amm and Mooshla Gold Mines ceased production and the Pandora and Senator-Rouyn mines produced bullion for the first time.  
 Cordova and Addington gold mines in eastern Ontario closed down.  
 Aunor Gold Mines Ltd., Porcupine camp, Ontario, in January shipped bullion for the first time.  
 Broulan Porcupine mines, Ontario, erected a new mill.  
 Faymar Porcupine mine, Ontario, commenced milling in April.  
 Hollinger Cons. Gold Mines Ltd. erected the first concrete headframe in Canada.  
 Jellicoe Mines Ltd., Ontario, ceased operations.  
 McMarmac Red Lake Gold Mines Ltd., Ontario, came into production in October.  
 J.M. Consolidated Gold Mines Ltd., Ontario, ceased operations April 24.  
 Jason Mines Ltd., Ontario, resumed operations at the old Argosy mine in June.  
 Operations ceased at the Kenricia mine, Ontario, May 31.  
 Upper Seine Gold Mine, Ontario, resumed production.



- 1940 — Pamon Gold Mines Ltd. reopened Monarch mine, Amisk Lake, Saskatchewan.  
 Hydro-electric plant completed by Consolidated Mining & Smelting Co. of Canada, Ltd., at Prosperous Lake, Northwest Territories.  
 Slave Lake Gold Mines Ltd. resumed operations in Northwest Territories in September.  
 Mercury gold mines, Northwest Territories, carried on exploration work.  
 Milling recommenced at Monarch mine, British Columbia, January 15.  
 Eldorado mine, Northwest Territories, temporarily closed June 18.  
 Consolidated Mining & Smelting Company of Canada, Ltd., commenced production of mercury at Pinchi Lake, British Columbia, in June.  
 Publication of statistics relating to Canadian production of strategic metals and minerals banned in December.  
 Norwegian Nickel refinery of Falconbridge Nickel Mines Ltd. seized by Germans; company's matte now treated by International Nickel Company of Canada, Limited.  
 Operation of Western Exploration Company mill at Silverton, British Columbia, resumed in September.  
 Nicolet Asbestos Mines, Tingwick township, Quebec, resumed production in April.  
 The Quyon Molybdenite Company Ltd. started production at the Moss mine, Onslow township, Quebec.  
 Century mine, Elbow Lake, Manitoba, installed a century mill and produced some gold in July.  
 Beresford Lake Mines Ltd., Manitoba, discontinued production in October.  
 50-ton sodium sulphate plant was erected at Sybouts Lake, Saskatchewan.
- 1941 — Seal Harbour Gold Mines, Nova Scotia, closed down.  
 Senator-Rouyn completed its new mill in April.  
 Morris Kirkland Gold Mines, Ontario, closed down in December.  
 Hoyle Gold Mines, Ltd., Ontario, commenced milling in January.  
 Mic Mac Mines, western Quebec, commenced construction of a mill.  
 West Malartic mines, western Quebec, commenced erection of a mill.  
 New plant using vacuum process erected by Neepawa Salt Co., Manitoba, for greatly increased salt production.  
 Natural gas piped to Kamsack, Saskatchewan.  
 Discovery of glass sands at Red Deer River, Saskatchewan.  
 J. Purdy discovered an important deposit of muscovite mica on Lot 6, Concession 2 of Mattawan township, Nipissing district, Ontario.  
 Canadian Industrial Minerals Ltd. commence milling barite at Pembroke, Nova Scotia, in May.  
 First fluorspar mined in Nova Scotia at Lake Ainslie by North American Chemical Company.  
 Bonetal Gold Mines Ltd., Ontario, shipped ore in November.  
 New Golden Rose mine, Ontario, closed in September.  
 500-ton mill at Jerome mine, Ontario, commenced operating in August.  
 St. Anthony mine, Ontario, closed in December.  
 Northern Empire Mines Ltd., Ontario, ceased operations.  
 Operations ceased at the Upper Seine mine, Ontario.  
 Operations at the Gold Eagle mine, Ontario, ceased September 12.  
 Mining ceased at Hovey mine, Ontario, November 3.  
 Straw Lake Beach Mines ceased operations in July.  
 The Howe Sound Exploration Co. explored its Snow Lake property, Manitoba.
- 1941 — Preview Mines Ltd. operated a small gold mill at Sulphide Lake, Saskatchewan.  
 Clean-up operations were conducted at the Windpass mine, British Columbia.  
 Milling ceased at Relief Arlington mine, British Columbia, June 28.  
 Milling commenced at Ptarmigan mine, Northwest Territories, November 27.  
 Milling commenced at Thompson-Lundmark mine, Northwest Territories, August 19.  
 Golden Manitou Mines Ltd., Quebec, commenced erection of a mill.  
 Lake Geneva Mining Co. Ltd., Ontario, conducted mining and milling from August 1.  
 Zincton Mines Ltd., British Columbia, exported zinc concentrates.  
 Aluminum Company of Canada Ltd. erected a plant at Wakefield, Quebec, for the production of brucite granules.  
 Tin produced commercially for the first time in Canada; recovered at Trail, British Columbia, by the Consolidated Mining & Smelting Company of Canada, Ltd.  
 Magnesium powder produced at Trail, British Columbia, by Consolidated Mining and Smelting Company of Canada, Ltd.  
 Old Josephine iron mine, Algoma district, Ontario, being developed.  
 Strike of miners at Kirkland Lake, commenced November 18.

- 1941 — Reno Gold Mines mill, British Columbia, shut down late in the year.  
Refinery of Abasand Oils Ltd., commenced operating near Fort McMurray, Alberta; plant destroyed by fire in November.
- 1942 — March 6, Prime Minister King announced approval of construction of Alaskan Highway.  
West Malartic, Mic Mac and Golden Manitou mines came into production in Quebec.  
Arntfield mine, Quebec, closed in April.  
Abasand Oils Ltd., rebuilt refinery at Fort McMurray, Alberta.  
Wood Cadillac mine, Quebec, closed in June.  
Pandora mine, Quebec, closed in August.  
Courmor mine, Quebec, suspended operations at midyear.  
Operations suspended April 14 at Golden Gate and Crescent mines, Ontario.  
Mining operations suspended at the De Santis, Faymar, Nakhodas and Naybob properties, Porcupine district, Ontario.  
Hollinger Gold Mines, Ontario, completed a scheelite mill.  
Tyrinite mine, Ontario, suspended operations July 31.  
Operations suspended at Rundle mine, Ontario, July.  
Renabie property, Ontario, closed in May.  
Cline Lake mine, Ontario, closed in November.  
Production of Bankfield mine, Ontario, ceased August 30.  
Operations ceased at Tombill and Elmos mines, Ontario, in November.  
Operations ceased at Sturgeon River mine, Ontario, in October.  
Sand River mine, Ontario, closed August 26.  
Jason mine, Ontario, closed down October 10.  
Gunnar Gold Mine, Manitoba, closed in June.  
Box mine, Saskatchewan, closed August 15.  
Polaris-Taku mine, British Columbia, closed in April.  
Big Missouri mine, British Columbia, ceased operations in October.  
Surf Inlet mine, British Columbia, ceased operations in November.  
Bayonne mine, British Columbia, closed August 31.  
Production of scheelite concentrates began early in the year at the Red Rose property, Hazelton, British Columbia.  
Buccaneer mine, British Columbia, closed August 11.  
Central Zeballos mine, British Columbia, closed July 7.  
Homeward mine, British Columbia, closed February 7.  
Musketeer mine, British Columbia, closed July 23.  
Mount Zeballos mine, British Columbia, closed April 30.  
Spud Valley mine, British Columbia, closed June 30.  
Ymir Yankee Girl mine, British Columbia, closed October 31.  
New Calumet Mines carried on an extensive development program in Quebec.  
Ptarmigan mine, Northwest Territories, closed in September.  
Ruth mine, Northwest Territories, milled from August 1 to August 12.  
International Tungsten Mines Ltd. (Slave Lake Gold Mines) operated only during the first eight months of the year.  
New copper deposit explored near Lennoxville, Quebec, by Aldermac Copper Corp. Ltd.  
Miners' strike at Kirkland Lake ended February 11.  
Indium produced in Canada for the first time at Trail, British Columbia.  
Plant of Dominion Magnesium Ltd. near Renfrew, Ontario, came into production in September.  
Important molybdenite deposits discovered by Dome Exploration Co. in Pressiac township, Quebec.  
Kootenay Belle mine, British Columbia, ceased milling late in the year.  
The Tetreault mine, at Montauban-les-Mines, Portneuf county, Quebec, was reopened by Siscoe Metals Ltd.; production started in August.  
Wartime Metals Corporation reopened the old molybdenite reduction plant in LaCorme township, Quebec.  
Wartime Metals Corporation reopened the Belanger chromite mine, in Coleraine township, Quebec, and commenced erection of a mill.  
Chromite Limited, Cleveland township, Quebec, commenced production of chromite concentrate.  
The Quebec Department of Mines erected a scheelite mill at the mine school near Val d'Or.  
For the first time the value of the annual mineral production of the province of Quebec reached the \$100,000,000 mark.  
Extensive deposits of chromite discovered in June, in Bird River area, Manitoba.  
Ogama mine, Manitoba, ships gold ore to Gunnar mill.



1942 — Successful operations carried out in the production of peat moss for agricultural purposes from Julius bog, Moss Spur, Manitoba.

250-ton sodium sulphate plant erected at Alsask Lake, Saskatchewan, June.

Pamon gold mine plant, Saskatchewan, destroyed by fire May 13.

Eldorado pitchblende mine, Northwest Territories, reopened in April.

Sheritt-Gordon mine, Manitoba, produced zinc concentrates, June.

Seal Harbour Gold Mines Ltd. ceased operations in Nova Scotia.

Guysboro Mines Ltd., Nova Scotia, suspended operations.

Canol project started early in the summer near Fort Norman, Northwest Territories, through military necessity; 14 wells, showing petroleum, drilled during the year.

1943 — Mandy mine, Manitoba, reopened by Emergency Metals Ltd.; produced concentrate in April.

Naybob mine, Porcupine district, Ontario, closed in January.

Moneta mine, Porcupine district, Ontario, closed in August.

Hoyle mine mill, Porcupine district, Ontario, destroyed by fire in July.

Yama mine, Larder Lake, Ontario, closed in February.

Young-Davidson mine, Ontario, closed from January to May.

Wendigo mine, Ontario, permanently closed in January.

Regnery Metals mine, Ontario, closed in April.

Uchi mine, Ontario; mining operations discontinued in March.

Magnet mine, Ontario, suspended operations in November.

Jerome mine, Ontario, suspended milling in August.

Gold rush into Missanabie, Ontario.

Privateer mill, British Columbia, closed in September.

Emerald and Red Rose tungsten mills in British Columbia shut down.

Elk River collieries, near Fernie, British Columbia, prepared for production.

Strike of coal miners in British Columbia and Alberta November 1 to November 13.

Indian Molybdenum Ltd. commenced production, in September, of molybdenite concentrates in Pressiac township, Quebec.

Development of Stobie and Murray nickel mines, Ontario, resumed; Old Alexo nickel mine, Ontario, reopened by Harlin Nickel Mines Ltd.; ore shipped to International Nickel Company.

Ontario Nickel Corporation shipped nickel ore from Moose Lake, Sudbury district.

Bralorne Mines Ltd. produced mercury at Takla Lake, British Columbia.

Kenwest mine, Ontario, suspended operations in July.

Gold Belt mine, British Columbia, suspended operations in September.

Operations suspended at Con mine, Northwest Territories, September.

Operations suspended at Rycon mine, Northwest Territories, September.

Operations suspended at Thompson-Lundmark mine, Northwest Territories, October.

Reco Mountain Base Metals mines, British Columbia, shipped concentrates in November.

Twin "J" Mines Ltd., British Columbia, shipped concentrates in August.

Kootenay Florence mine, British Columbia, shipped concentrates in August.

New Calumet Mines Ltd., Quebec, came into production; zinc concentrates shipped in September.

Nickel Offsets Ltd. made shipments of nickel ore from near Chelmsford, Sudbury area.

Asphalt produced from bituminous sands in Alberta by Oil Sands Ltd.

Lava talc deposit developed in Kootenay National Park, British Columbia.

Molybdenite concentrates shipped from LaCorne mine, Quebec — a wartime project.

1944 — Elder Gold Mines started drilling northeast of Noranda.

Detomac Mines commences production of fluorspar in Madoc area, Ontario.

Aldermac Copper brought new base metal property, near Sherbrooke, Quebec, into production.

Discovery wells in Lloydminster area were Shaw Petroleum No. 3, Silverdale No. 1 and Lloyd Oil Producers No. 1.

Labour shortage forces shutdown of one of two reverberatory furnaces in smelter of Noranda Mines.

Springer Sturgeon shipped crude barite under contract with W.P.B. at Washington.

Base Metals Mining Co. resumed milling, but production limited by manpower shortage.

Milling operations temporarily suspended at Negus Mines due to labour shortage.

Francoeur suspended milling, then shipped ore to Noranda smelter for flux.

Beattie suspended milling to concentrate available labour on mining.

Acute labour shortage forced suspension of mining and milling at McMarmac Red Lake.

Steep Rock Iron commences shipping of iron ore.

Pinchi Creek ceased production of mercury.

- 1944 — Whitehorse refinery produced high-octane gasoline from Fort Norman petroleum.  
 Kam Kotia Porcupine suspended operations.  
 Hard Rock Gold Mines mill closed.  
 Jumping Pound area produced crude petroleum.  
 Thallium produced by Hudson Bay Mining & Smelting Co.
- 1945 — Quemont drilled ore body outlined by magnetometer survey.  
 MacLeod-Cockshutt suspended milling due to labour shortage.  
 Victory in Europe, May 8, 1945.  
 First commercial oil well completed in Lloydminster, Saskatchewan, area.  
 Falconbridge Nickel Co. refinery in Norway being readied to resume operation.  
 Aldermac Copper Corp. closed Moulton Hill plant.  
 Negus resumed milling.  
 Granby Consolidated cut milling to half of capacity.  
 Molybdenite Corp. acquired plant in LaCorne from Wartime Metals.  
 Japan surrendered Aug. 15, 1945.  
 Purdy Mica closed trimming plant at North Bay.  
 Jerome suspended operations.  
 Central Cadillac mine dewatered.  
 Oil well drilling resumed at Pekisko Hills.  
 Gunnar Gold sold mining plant to Ogama-Rockland.  
 Sheep Creek resumed milling at Zincton mines.  
 Hard Rock Gold Mines resumed milling.  
 First commercial production of calcium in Canada by Dominion Magnesium Ltd.  
 Federal Government suspended operations in oil sand area, Fort McMurray.
- 1946 — Ceiling price of silver was lifted.  
 West Malartic suspended milling.  
 5,000 quarts of nitroglycerine exploded in West Flank No. 2, Turner Valley, Alberta.  
 Sherritt-Gordon found nickel-copper in drill core at Granville Lake, Manitoba.  
 Lake Shore milling rate back to 1,000 tons daily.  
 Fire destroyed the plant at Bridge River Consolidated.  
 Milling resumed at Magnet Consolidated.  
 Undersill Mining dewatered old Sand River shaft.  
 MacLeod-Cockshutt resumed milling.  
 Hoyle mine was opened and ore was shipped to Pamour mill.  
 Privateer reopened mill at Zeballos.  
 Bayonne Consolidated resumed milling.  
 Pacific (Eastern) dewatered mine workings.  
 Mayfair dewatered Peoples Mine, Cobalt area.  
 Workings dewatered at Silver Miller.  
 Western Exploration resumed milling at Silverton.  
 Canadian dollar placed on par with United States dollar.  
 Gold reduced from \$38.50 to \$35.00 per troy ounce.  
 Western Exploration suspended mill operation for second time within a year.  
 Elder started shipping gold ore to Noranda smelter.  
 Beattie mine filled with another rush of mud.  
 Production resumed at Polaris-Taku.  
 Jason resumed milling.  
 Stolberg well, Alberta, set new provincial depth record at 13,109 feet.  
 Work suspended at tar sands project at Bitumont.  
 Mill test runs made by Peg-Tantalum Mines.  
 Hasaga temporarily suspended milling.  
 Labour strike at Noranda Mines.  
 Prices of copper, lead and zinc raised while control remained.  
 First commercial production of bismuth concentrates in Quebec.  
 All-weather highway to Red Lake was opened.
- 1947 — Kirkland Golden Gate resumed milling operations.  
 Twin "J" resumed milling.  
 Leduc No. 1 of Imperial Oil blows in February 13th.  
 Francoeur suspended mining and milling.  
 New mill of American Nepheline Ltd. started.  
 Hedley Mascot resumed milling.  
 Louvicourt poured first gold bar.  
 Sheep Creek resumed operations.



- 1947 — Duquesne shipped ore to Consolidated Beattie.  
Milling operations started at Nitinat.  
Western Exploration resumed milling at Slocan property.  
Consolidated Central Cadillac resumed milling.  
Renabie started operating mill.  
After 34-month shutdown, McMarmac mill resumed operations.  
Prices of base metals, except tin, decontrolled June 9th.  
Thompson-Lundmark resumed milling.  
New mill at Dentonia started operation.  
Salt produced by Maritime Industries Ltd. in Nova Scotia.  
Jason suspended milling.  
Base Metal Mining resumed milling.  
Labour strike at Sherritt-Gordon mines.  
New Marlon poured its first gold bar.  
Kenville Gold Mines Ltd. started milling.  
Shawkey suspends operations.  
Keno Hill stockpiled lead concentrates.
- 1948 — Jeep Gold shipped ore to San Antonio.  
Naybob resumed milling.  
Candego commenced milling in Gaspé area.  
Giant Yellowknife started milling.  
Ogama-Rockland mill operated.  
Hosco poured first gold bar.  
Silbak Premier suspended operations.  
Price of nickel raised.  
Silver Standard commenced milling.  
Anacon started concentrating lead-zinc ore.  
Gold milling at Dickenson Red Lake began.  
East Sullivan produced copper concentrates.  
Alberta's new oil fields were Redwater, Armena, Pincher Creek, Volmer and Hanna.
- 1949 — Emerald tungsten mill converted to lead and zinc production.  
New Rouyn Merger ceased shipments to Noranda.  
Hoyle suspended operations in Porcupine area.  
Torbrit Silver commenced milling.  
Bidgood ore supply exhausted.  
Milling operations suspended at Hedley Mascot.  
Thompson-Lundmark stopped milling gold ore.  
United Keno Hill mill destroyed by fire.  
Quemont commenced producing copper concentrates.  
Silver Basin made first shipment of ore.  
Indium produced by Consolidated Mining & Smelting Co.  
Newfoundland joined Confederation.  
Production of oil started in the fields of Barrhead, Campbell, Excelsior, Golden Spike, Joseph Lake, Pincher Creek, Stettler and Whitemud.
- 1950 — Consolidated Discovery started milling gold ore at Yellowknife.  
Bevcourt shipped bulk sample to perron mill.  
Kootenay Belle new sink-float plant put into operation.  
Ascot commenced milling on Moulton Hill property.  
Ryan Lake milled copper ore in Matachewan area.  
Cobalt Lode produced silver ore.  
Highland Bell started mill in British Columbia.  
Cobalt Chemical refinery destroyed by fire.  
New oil fields in Alberta were Acheson, Ellerslie and Spring Coulee.  
Interprovincial pipeline from Edmonton, Alberta, to Superior, Wisconsin, was completed.  
Quebec Iron & Titanium Corp. began smelting ilmenite ore.
- 1951 — Eldona ore shipped by lessee to McWatters mill.  
Teegana shipped asbestos ore from Porcupine district.  
Heva was reopened; ore milled by Powell Rouyn.  
New 350-ton mill put into production by Donalda.  
Castle-Trethewey resumed milling.  
Maritime Barytes' new mill in operation in Nova Scotia.  
Doreen Mines put mill into operation.

- 1951 — Tungsten Corporation milled tungsten ore in Slave Lake area.  
 Van Rai Consolidated started new mill.  
 Emerald Glacier mill started regular operations.  
 United Cobalt began custom milling of silver-cobalt ore.  
 Oil was produced in the new fields of Armena, Armisic, Bashaw, Big Valley, Bonnaville, Camrose, Duhamel, Glen Park, New Norway and Wizard Lake.  
 Ore exhausted at Sherritt-Gordon's Sherridon mine.  
 Crude petroleum produced at Virden, Manitoba.  
 Ciment Quebec started operating at St-Basile, Portneuf county.
- 1952 — Sherritt-Gordon decided to locate new nickel refinery at Fort Saskatchewan, Alberta.  
 Mindamar started shipping zinc-lead and lead-copper concentrates.  
 New Jason closed Casummit Lake property.  
 Hasaga terminated 14 years of production.  
 New Ryan Lake milled copper ore in Matachewan area.  
 B.C. Metal Mines shipped ore from Lardeau property.  
 Matarrow shipped lead-zinc concentrates from Matachewan.  
 Bevcourt started new mill which had been transferred from Perron.  
 Gunnar Gold found uranium at Beaverlodge Lake.  
 East Rim Nickel and Milnet shipped nickel-copper ore to Falconbridge smelter.  
 Weedon Pyrite, in the Sherbrooke area, shipped copper ore.  
 North Star Cement at Corner Brook, Newfoundland, and Canada Cement at Havelock, New Brunswick, began production.  
 Kootenay Belle suspended milling.  
 Barvue shipped zinc concentrates to United States smelters.  
 Western Tungsten sold tungsten concentrates to United States and United Kingdom.  
 New oil-producing areas in Saskatchewan were Buffalo-Coulee, Driver-Eureka, Eastend, Eatonia, Fosterton, Hoosier and Wapella.  
 Alberta's new oil fields included Bonny Glen, Malmo, North Big Valley, South Camrose and Skaro.  
 Cassiar Asbestos in northern British Columbia was at the initial stages of production.
- 1953 — Base metal discovery near Bathurst, New Brunswick, was announced.  
 Drilling at Lake Nipissing intersected columbium and tantalum.  
 Dominion Magnesium started a ferrosilicon plant at Beauharnois.  
 Lead-zinc ores concentrated at Mackeno custom mill.  
 United Montauban shipped lead-zinc concentrates.  
 Torbrit silver mines in British Columbia were strike-bound.  
 Labour strike in the Porcupine gold mines and in Noranda area, Quebec.  
 Trans Mountain oil pipeline from Edmonton to Vancouver.  
 Last spike driven in railway to Lynn Lake, Manitoba.  
 Saskatchewan's new oil fields were Cantuar, Success, Gull Lake, Midale, Rapdan, Dollard and Java.  
 New oil fields in Alberta were Battle, Erskine, Fairydell, Morinville, and Samson.  
 Base metal discovery made at Manitouwadge Lake.  
 Commercial production of perlite began in British Columbia.
- 1954 — Quebec Metallurgical Industries opened Cobalt Chemicals Division smelter near Cobalt, Ontario.  
 Opemiska Copper produced copper concentrates.  
 Permission granted to United Asbestos to drain lake.  
 Quebec Copper started milling ore.  
 Roy Silver made initial shipment of cobalt concentrate.  
 Mineral King tuned up mill.  
 Jardun shipped zinc-lead concentrates.  
 Noranda started a sulphur plant near Welland, Ontario.  
 Sherritt-Gordon nickel refinery at Fort Saskatchewan, Alberta, began production, using the Forward leaching process.  
 Rix Athabasca shipped uranium ore to Eldorado Ace mill.  
 Boreal Rare Metals exported test shipment of lithium ore.  
 Keymet commenced milling lead-zinc ore.  
 Gaspé Copper concentrator stopped by power break shortly after starting.  
 Oil was produced in Alberta's new field of Leahurst.  
 Among the new oil fields in Saskatchewan were Alida, Frobisher, Instow, Marengo, North Premier and South Illerbrun.



- 1955 — St. Lawrence Cement plant, near Quebec, started shipping  
New railroad spur extended to American Nepheline property in Ontario.  
Forty-Four Mines was officially in production.  
Consolidated Nicholson shipped ore to Ace mill.  
Silver Standard resumed milling in British Columbia.  
Campbell Chibougamau started production of copper ore.  
Temagami Mining shipped high-grade copper ore.  
Gunnar milled uranium ore at Beaverlodge.  
Pronto Uranium started a concentrator in Blind River area.  
Mining of rock salt began at Ojibway, Ontario.  
Quebec Lithium commenced milling at LaCorne.
- 1956 — Powell Rouyn ceased operations in Rouyn township.  
Silver-Standard reopened mill in British Columbia.  
Lyndhurst copper ore was milled at Beattie-Dusquesne and the concentrates shipped to  
Noranda smelter.  
Starratt Olsen discontinued milling gold ore at Red Lake.  
Consolidated Bi-Ore started producing copper matte in the Sudbury district.  
O'Brien closed gold mine at Kewagama, Quebec.  
Ascot Metal suspended operations at base metal mine in Eastern Townships, Quebec.  
Fire destroyed mill of Silbak Premier Mines at Stewart, British Columbia.  
National Exploration shipped uranium ore to Eldorado mill.  
Production of nepheline syenite began by International Minerals.  
Bicroft started milling uranium ore.  
Algom Uranium began milling in Blind River area.  
International Nickel announced multi-million dollar plan for development of nickel copper  
deposits at Moak Lake, Manitoba.  
New oil and gas fields in Alberta included, Bellshill Lake, Bentley, and Harmattan-  
Elkton.  
Saskatchewan's new oil fields were, Alameda, Eastend, Gainsborough, Glen Ewen, Manor,  
Midway, Rapdan, Torquay and Verlo.  
Construction began on gas pipeline from Alberta to Quebec.

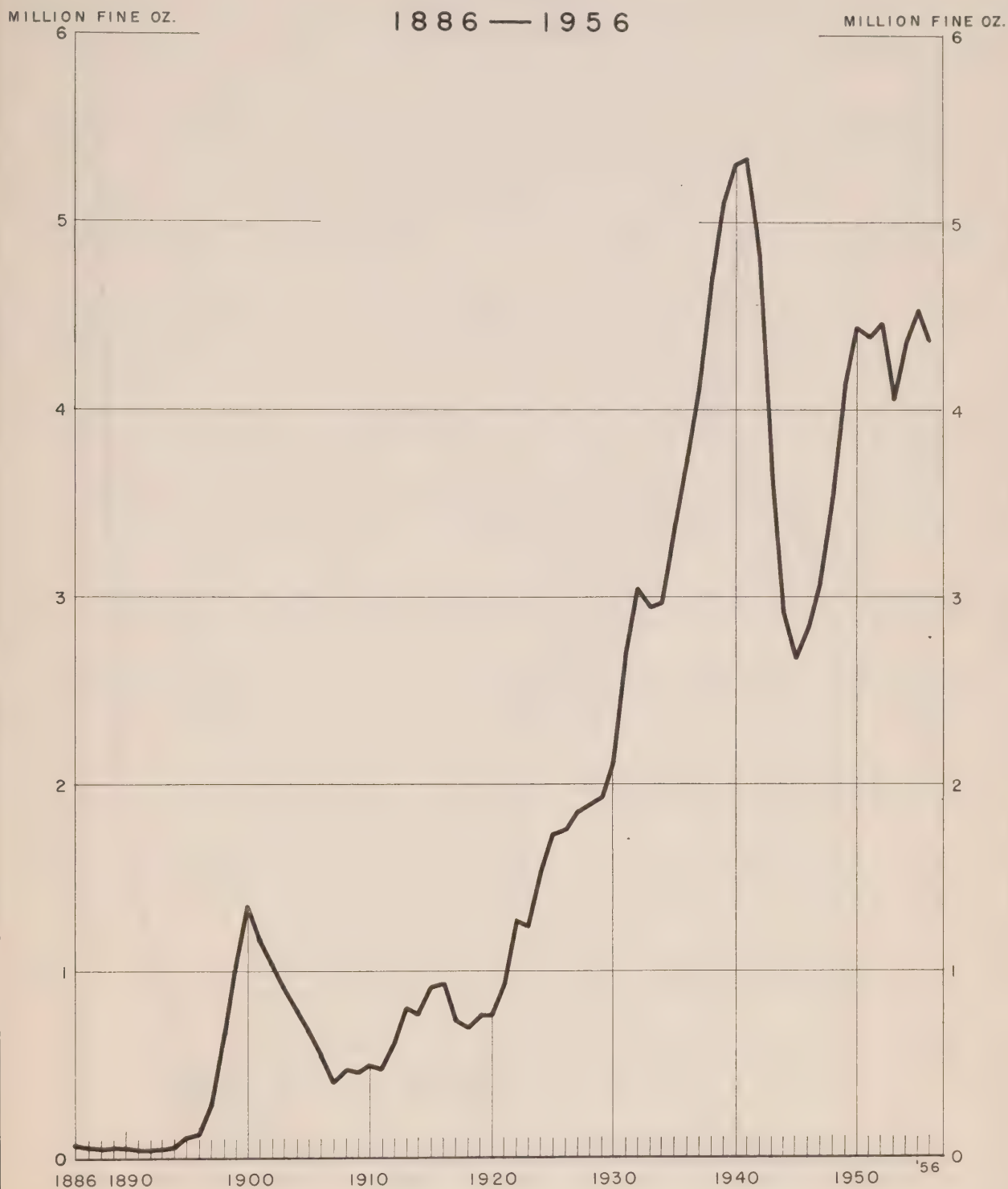
# COPPER PRODUCTION IN CANADA 1886 - 1956





# GOLD PRODUCTION IN CANADA

1886 — 1956



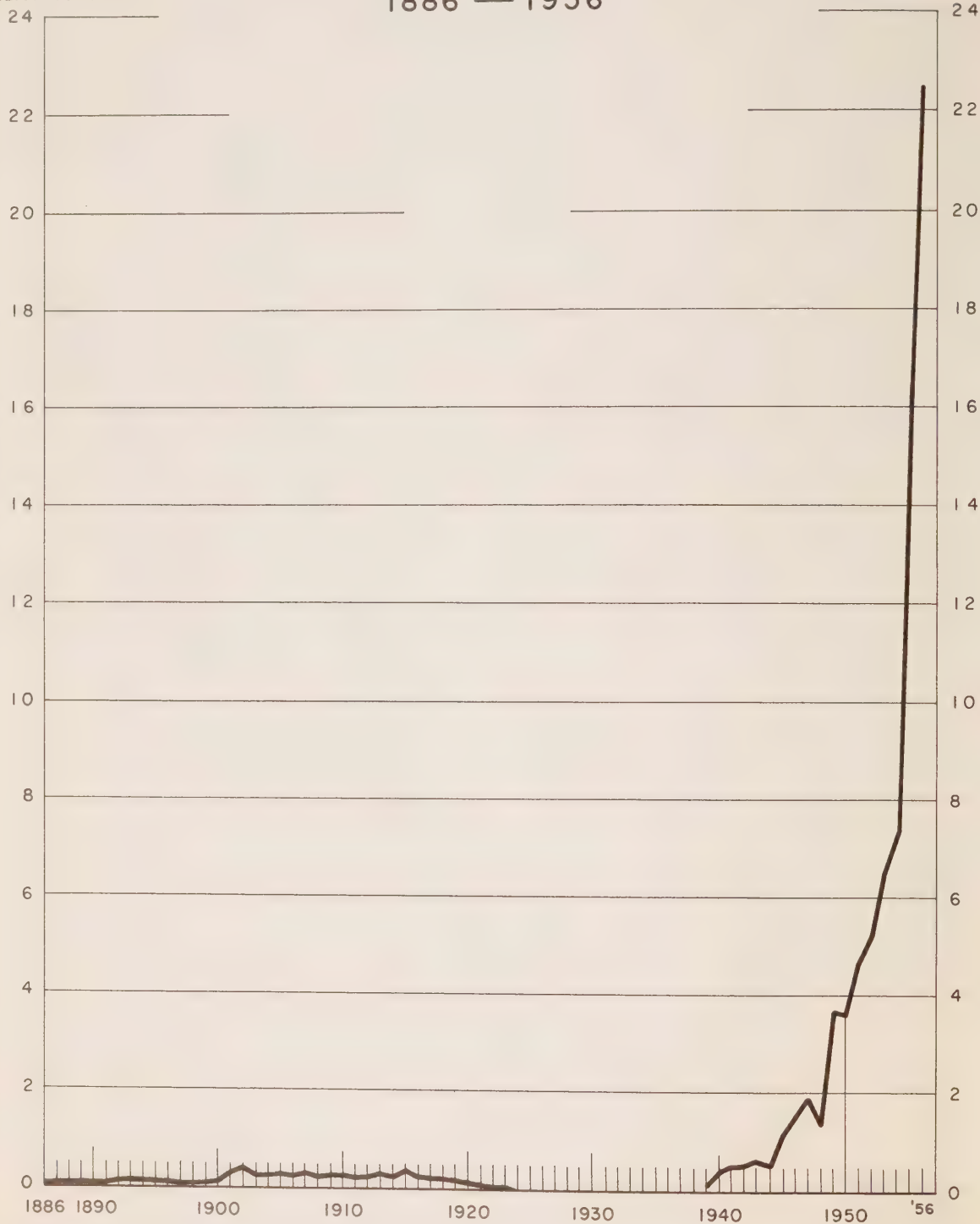
## IRON ORE PRODUCTION

IN CANADA

1886 — 1956

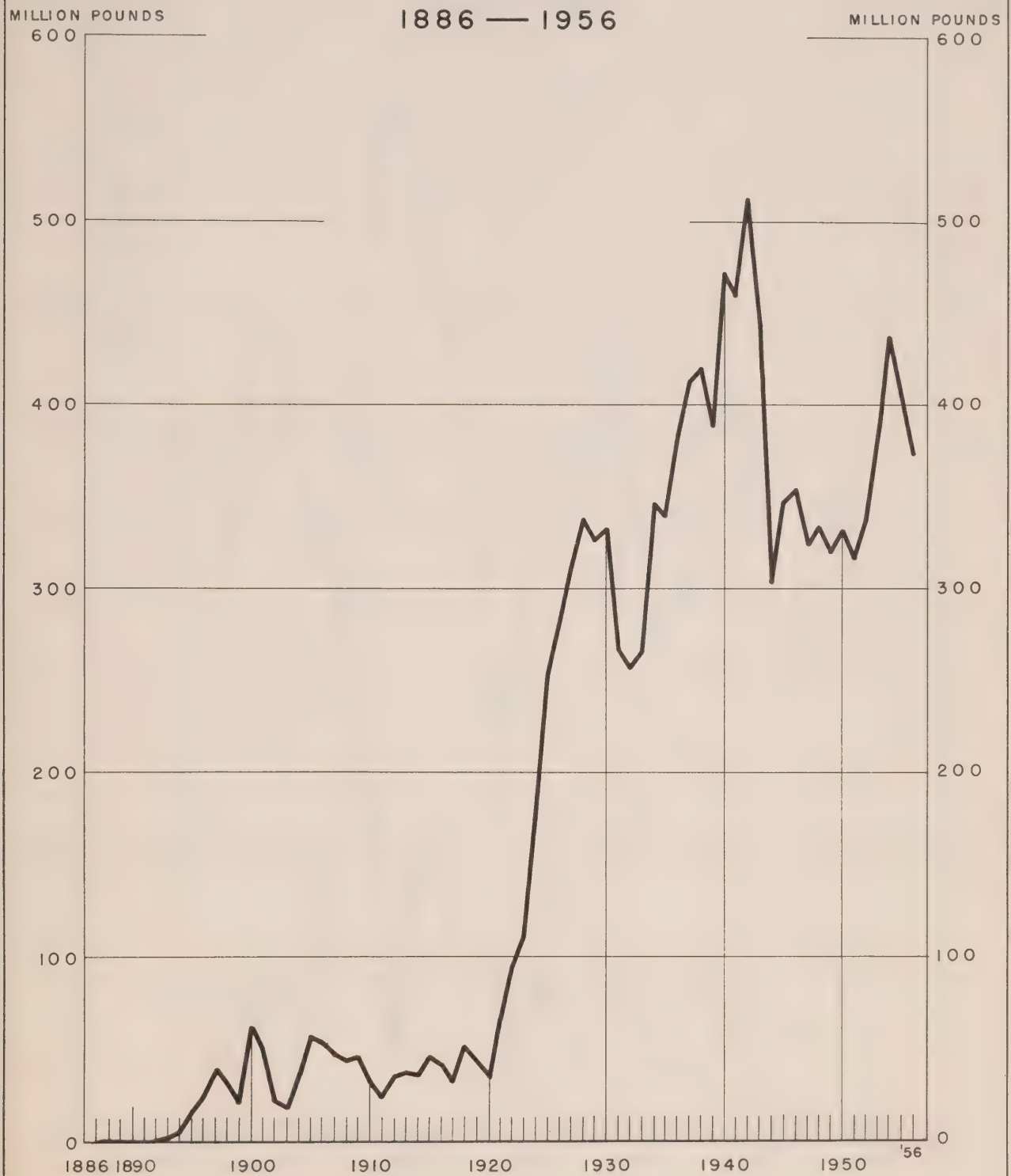
MILLION TONS

MILLION TONS



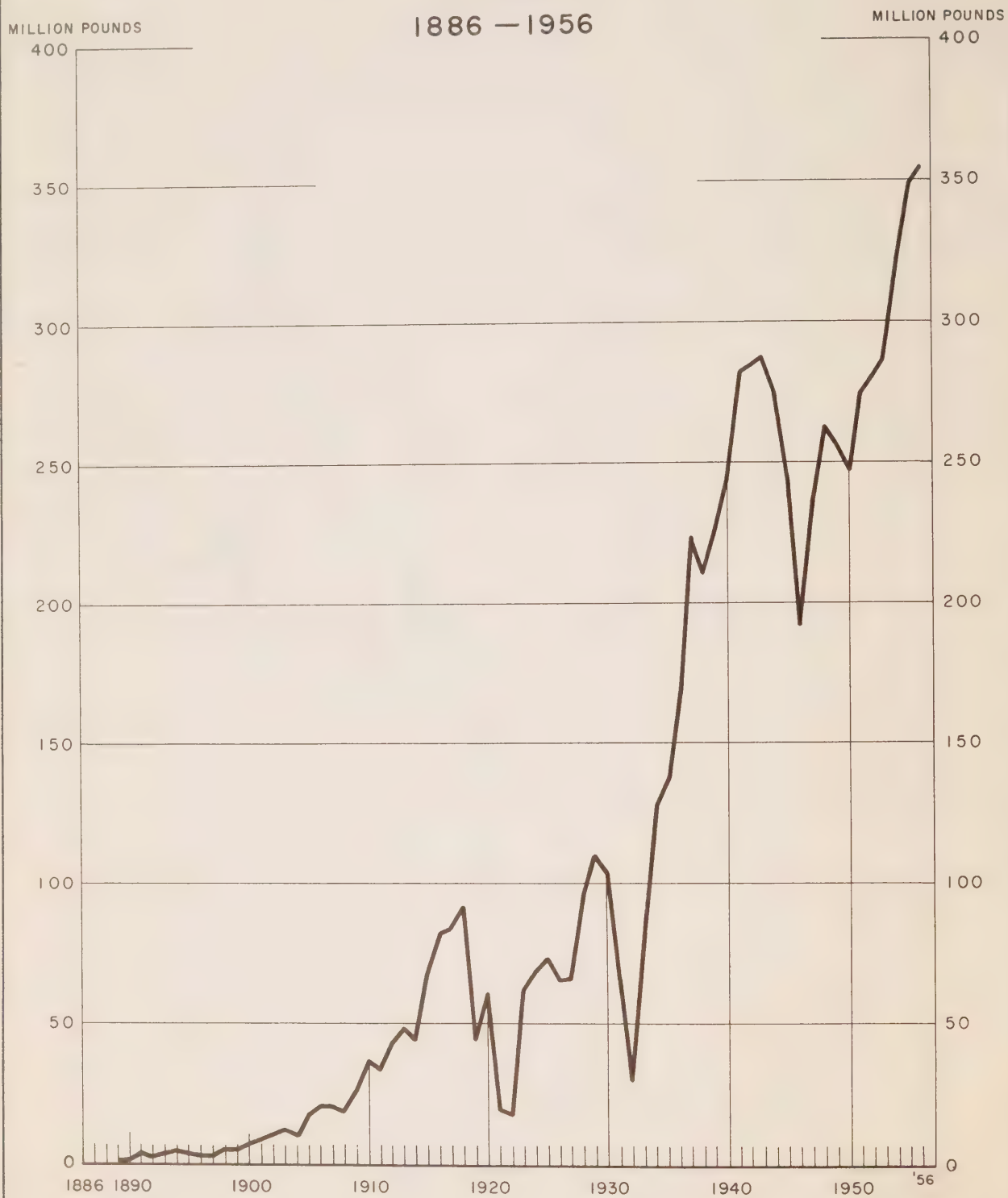


## LEAD PRODUCTION

IN CANADA  
1886 — 1956

# NICKEL PRODUCTION IN CANADA

1886 — 1956

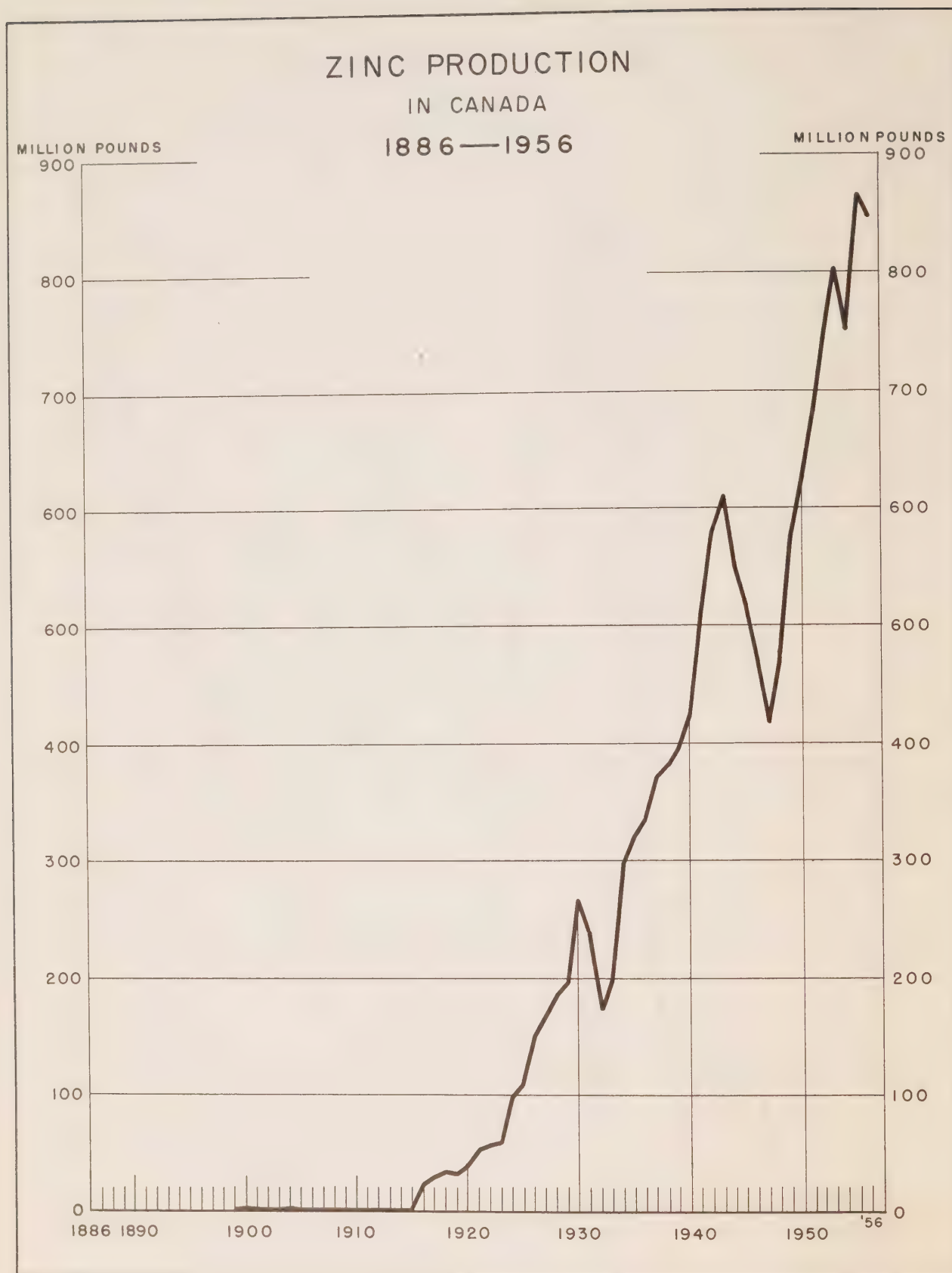




# SILVER PRODUCTION IN CANADA

1886—1956



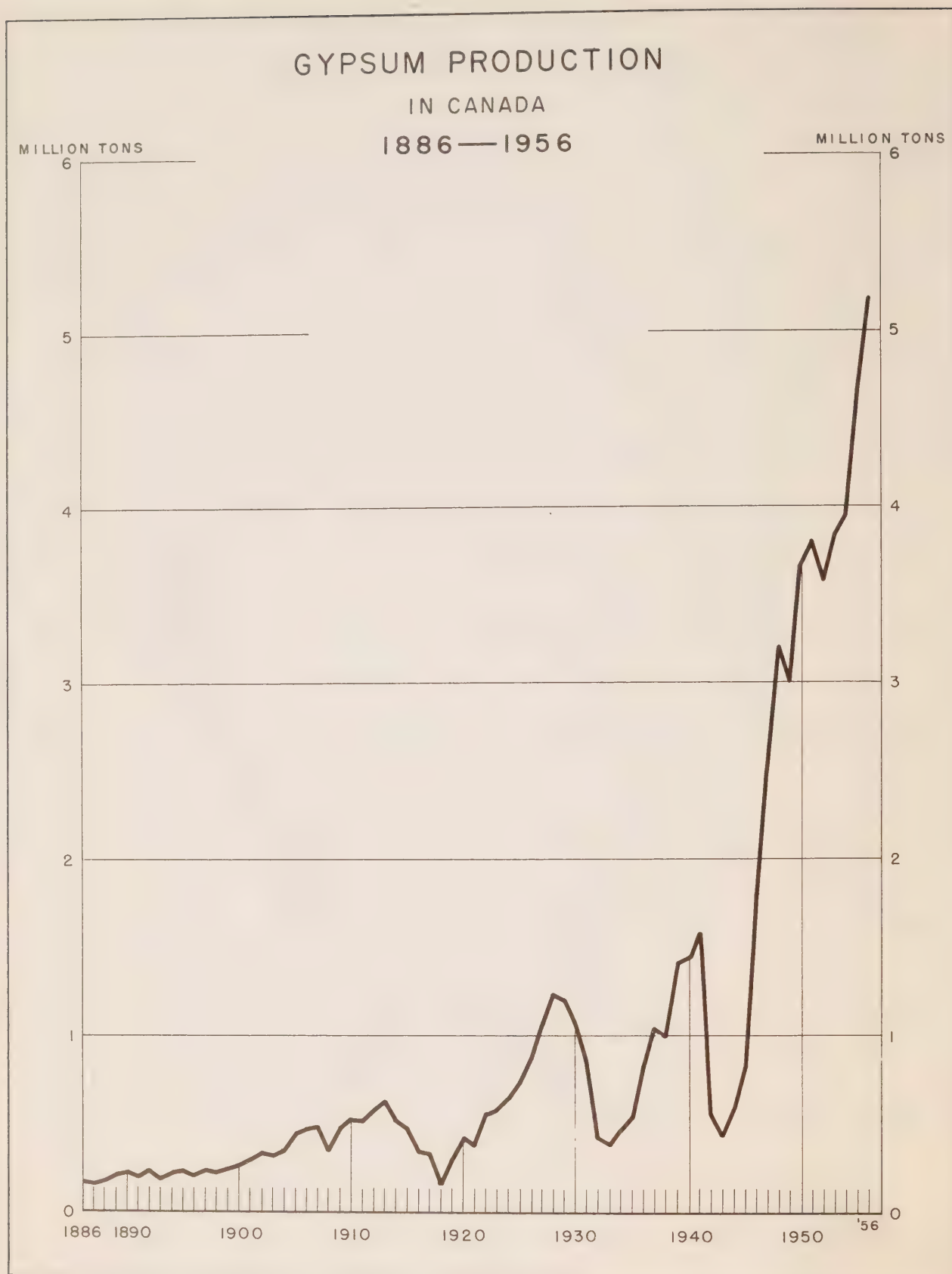




# ASBESTOS PRODUCTION IN CANADA

1886—1956



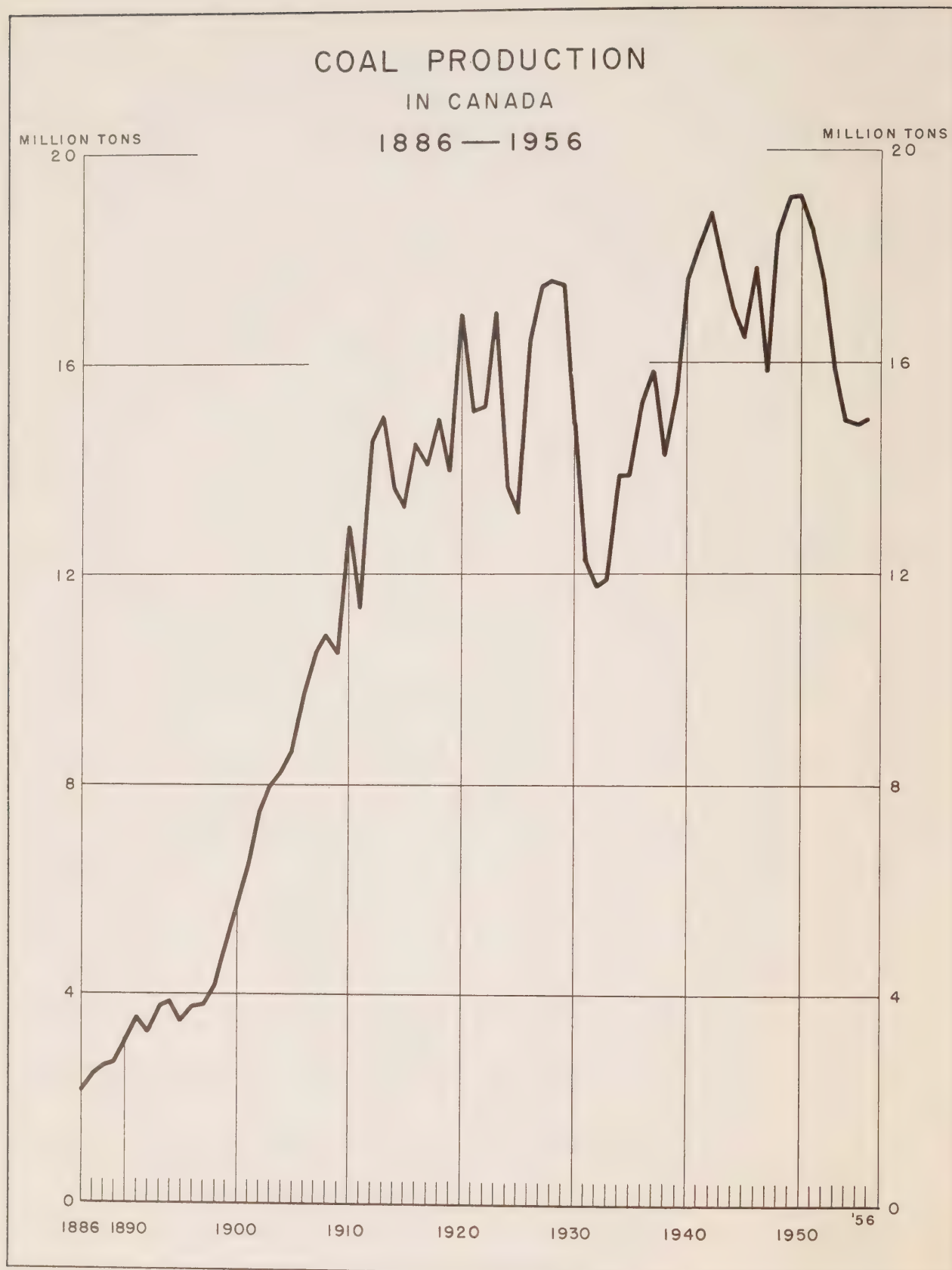




# SALT PRODUCTION IN CANADA

1886—1956

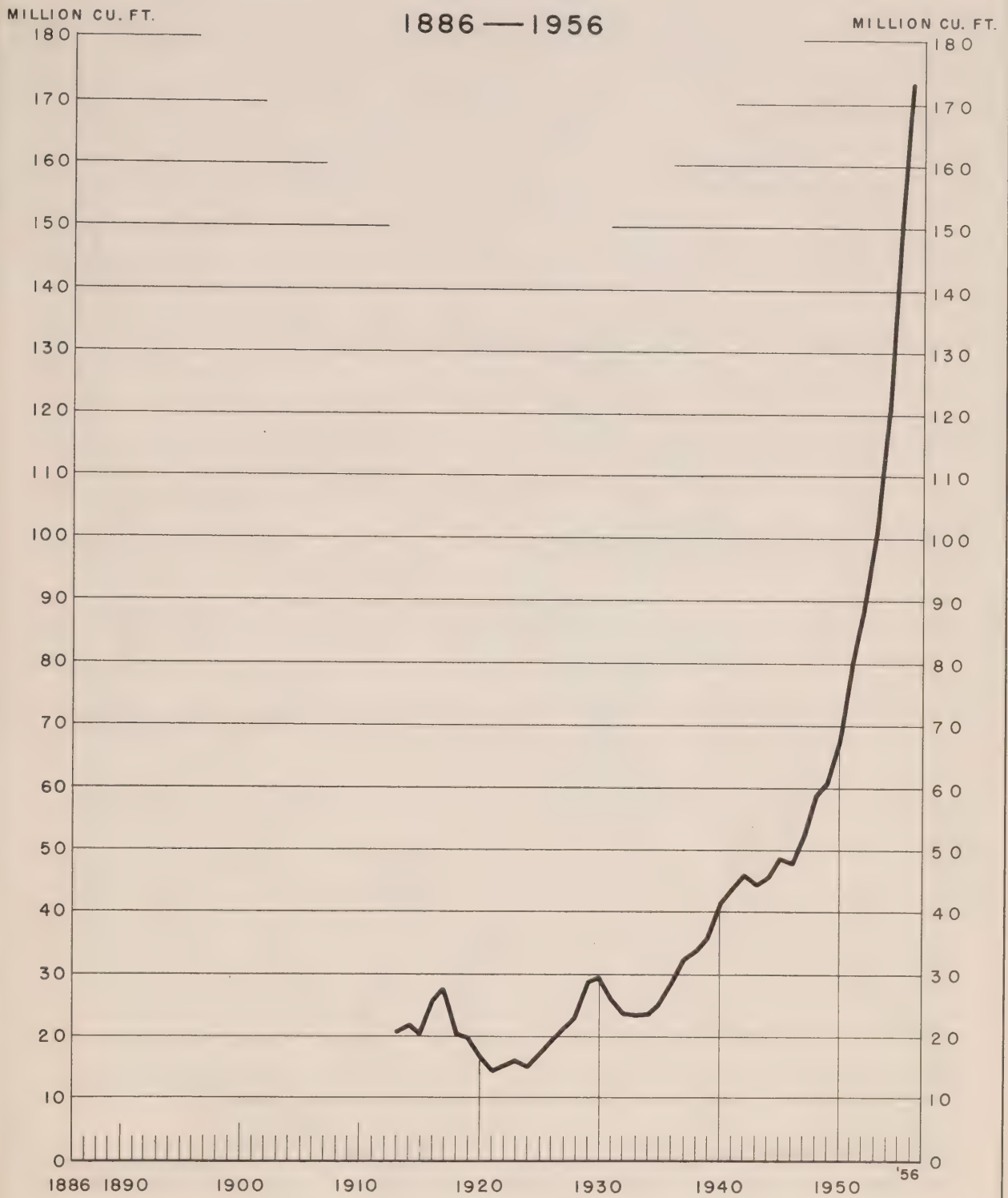






# NATURAL GAS PRODUCTION IN CANADA

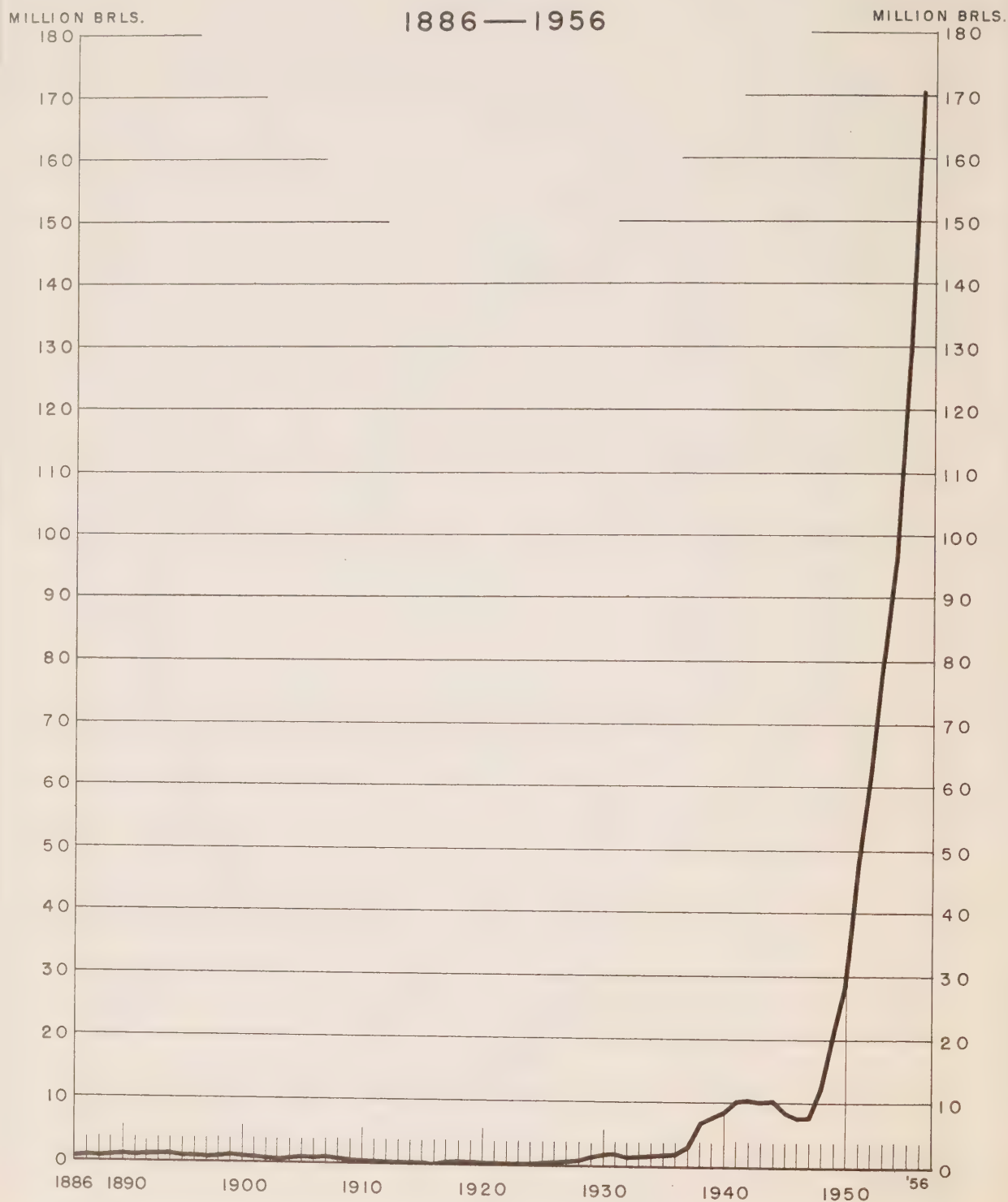
1886 — 1956



## PETROLEUM PRODUCTION

IN CANADA

1886—1956





# CEMENT PRODUCTION IN CANADA

1886—1956

MILLION BRLS.

MILLION BRLS.





## PRELIMINARY ESTIMATE OF CANADA'S MINERAL PRODUCTION

1956

Two billion dollars was the valuation of the mineral production of Canada in 1956 according to a preliminary estimate prepared by the Dominion Bureau of Statistics at Ottawa. The increase over the preceding year amounted to \$272.4 million or 15 per cent. In 1955 the value was \$1,795,310,796. Ontario contributed \$641 million, Quebec's portion was \$427 million and Alberta followed closely with \$409 million. Crude petroleum was the leading commodity with a valuation of \$401.8 million, copper was second with \$291.5 million, nickel was worth \$223.3 million and iron ore moved up into fourth place with \$156.3 million.

Metals were valued at \$1,134 million, an increase of \$127 million over the 1955 valuation of \$1,007,839,501. Higher prices for copper made the 353,293 tons worth \$291.5 million. The volume of nickel was up about 2 per cent. Iron ore increased 6.3 million short tons to an all-time high of 22.5 million tons. There were fewer ounces of gold in 1956. The average price of gold was about the same as in 1955 despite the monetary exchange fluctuations during the latter part of the year. Lead output continued to decline, also there was a downward trend in the tonnage of zinc. The products of the uranium refinery were valued at \$39.6 million. This was prorated with respect to the amount of material which the refinery processed from each province. Ontario's portion was \$5.9 million, Saskatchewan \$24.3 million and Northwest Territories \$9.4 million.

Non-metallic minerals were worth \$171 million in 1956 compared with \$144.9 million in 1955. The tonnage of asbestos decreased but the price increase raised the total value to \$109 million. Most of the 300 thousand tons of barite were mined in Nova Scotia. Fluorspar from Newfoundland exceeded 150 thousand tons. About 85 per cent of Canada's 5 million tons of gypsum came from Nova Scotian deposits. All of the lithia, 2,400 tons, was produced in Quebec. Nepheline syenite from Ontario was worth nearly \$2.5 million. Salt shipments reached a new high of 1.6 million tons and \$13.9 million in value. Slag containing titanium dioxide was valued at \$6.7 million.

Mineral fuels were \$100 million higher in total value in 1956 than in the preceding year. Crude petroleum output of 170 million barrels was valued at nearly \$402 million. Alberta production increased 31 million barrels to reach 144 million barrels. Saskatchewan had a 70 per cent increase to 19 million barrels and Manitoba's volume of oil increased 43 per cent to 5.9 million barrels. The volume of natural gas utilized, output less waste, was 173,260 million cubic feet. The decline in coal output over several years was reversed, and in 1956 there was a slight increase in the quantity produced, which was 14.9 million tons.

The value of structural materials recorded a new high of \$247.2 million. Clay products which includes brick, tile, sewer pipe, etc., made from Canadian clays were worth \$38 million. New cement plants and expanded old plants shipped 29.7 million barrels of cement valued at \$77.9 million. Lime producers shipped a large portion of their output to industrial and chemical plants. Sand and gravel used for highways, railroad ballast, and concrete aggregate amounted to 129 million tons. There were about 31.5 million tons of stone of various sizes, pulverized, crushed and block, shipped in 1956.



## The Mineral Production of Canada, by Provinces, 1954-1956

Province	1954		1955		1956 <sup>1</sup>	
	\$	Per cent	\$	Per cent	\$	Per cent
Newfoundland .....	42,898,033	2.9	68,462,956	3.8	87,752,025	4.2
Nova Scotia .....	73,450,898	4.9	67,133,539	3.7	66,625,229	3.2
New Brunswick .....	12,468,322	0.8	15,759,744	0.9	18,171,654	0.9
Quebec .....	278,818,070	18.7	357,010,045	19.9	426,608,242	20.6
Ontario .....	496,747,571	33.4	583,954,682	32.5	640,915,058	31.0
Manitoba .....	35,106,922	2.4	62,018,231	3.5	66,711,747	3.2
Saskatchewan .....	68,216,009	4.6	85,150,128	4.7	114,103,316	5.5
Alberta .....	279,042,735	18.7	325,974,326	18.2	408,865,422	19.8
British Columbia .....	158,630,867	10.7	189,524,574	10.6	199,318,374	9.7
Northwest Territories .....	26,414,000	1.8	25,597,821	1.4	22,949,122	1.1
Yukon .....	16,588,684	1.1	14,724,750	0.8	15,678,907	0.8
Canada .....	1,488,382,091	100.0	1,795,310,796	100.0	2,067,699,096	100.0

1. Preliminary estimate.

## Preliminary Estimate of the Mineral Production of Canada, by Kinds, 1955 and 1956

	Unit of measure	1955		1956	
		Quantity	Value	Quantity	Value
Metallics			\$		\$
Antimony .....	lb.	2,021,726	563,345	1,820,000	576,300
Bismuth .....	"	265,896	572,362	273,007	494,157
Cadmium .....	"	1,919,081	3,262,439	2,258,184	3,838,913
Cerium, Rare earths .....	"	...	988	—	—
Cobalt .....	"	3,318,637	8,563,700	3,685,956	9,372,760
Columbium (Cb <sub>2</sub> O <sub>5</sub> ) .....	"	42	1,032	—	—
Copper .....	"	651,987,423	239,756,455	706,585,547	291,469,615
Gold .....	troy oz.	4,541,962	156,788,528	4,378,862	150,808,010
Indium .....	"	104,774	232,598	358,000	805,500
Iron ore .....	ton	16,283,177	110,435,850	22,526,311	156,327,885
Iron ingots .....	"	115,955	4,831,845	157,000	6,339,000
Lead .....	lb.	405,525,038	58,314,500	373,349,541	57,906,514
Magnesium and calcium .....	...	...	6,585,409	...	5,617,826
Manganese ore .....	ton	—	—	...	1,900
Mercury .....	lb.	75	250	—	—
Molybdenite (MoS <sub>2</sub> ) .....	"	1,389,177	823,954	1,452,028	967,461
Nickel .....	"	349,856,997	215,866,007	355,986,460	223,343,992
Palladium, iridium, etc. ....	troy oz.	214,252	8,321,633	161,600	6,495,065
Platinum .....	"	170,494	14,747,732	150,000	15,585,000
Selenium .....	lb.	427,109	3,203,319	508,000	6,858,000
Silver .....	troy oz.	27,984,204	24,676,472	28,794,573	25,831,612
Tantalum (Ta <sub>2</sub> O <sub>5</sub> ) .....	lb.	390	9,760	—	—

## Preliminary Estimate of the Mineral Production of Canada, by Kinds, 1955 and 1956 — Concluded

	Unit of measure	1955		1956	
		Quantity	Value	Quantity	Value
			\$		\$
<b>Metallics — concluded</b>					
Tellurium .....	lb.	9,014	15,774	24,000	42,000
Thallium .....	"	275	378	—	—
Tin .....	"	492,781	408,030	611,000	521,550
Titanium ore .....	ton	1,464	10,634	4,443	37,100
Tungsten (WO <sub>3</sub> ) .....	lb.	1,942,770	5,508,437	2,206,662	6,060,992
Uranium .....	...	...	26,031,604	...	39,577,000
Zinc .....	lb.	866,714,038	118,306,466	847,239,825	125,476,218
<b>Total metallics</b> .....	...	...	<b>1,007,839,501</b>	...	<b>1,134,354,370</b>
<b>Non-metallics</b>					
Arsenious oxide .....	lb.	1,571,787	69,159	2,624,757	86,617
Asbestos .....	ton	1,063,802	96,191,317	1,038,975	109,665,924
Barite .....	"	253,736	2,277,166	307,808	2,509,199
Diatomite .....	"	16	352	—	—
Feldspar .....	"	18,152	355,879	17,763	365,370
Fluorspar .....	"	128,114	2,708,437	151,738	3,835,565
Graphite .....	"	—	—	—	—
Grindstones .....	"	10	1,500	—	—
Gypsum .....	"	4,667,901	8,037,153	5,192,805	8,300,585
Iron oxides .....	"	7,702	162,512	7,757	170,135
Lithia .....	lb.	114,376	61,752	4,800,000	2,640,000
Magnesitic-dolomite and brucite .....	ton	...	2,151,820	...	2,412,000
Mica .....	lb.	1,640,708	77,541	1,184,542	73,622
Mineral waters .....	gal.	306,683	160,510	303,500	157,000
Nepheline syenite .....	ton	146,068	2,099,512	179,381	2,489,633
Peat, moss .....	"	117,579	3,485,287	125,074	3,708,191
Quartz .....	"	1,869,913	2,039,575	2,114,415	2,781,236
Salt .....	"	1,244,761	10,122,299	1,593,131	13,916,532
Silica brick .....	M	4,763	602,625	5,576	705,077
Soapstone and talc .....	ton	27,160	338,967	29,030	358,750
Sodium sulphate .....	"	178,888	2,799,715	179,438	2,854,223
Sulphur (pyrite and smelter) .....	"	628,443	5,984,953	763,736	7,440,410
Titanium dioxide .....	"	117,042	5,192,810	152,500	6,771,000
<b>Total non-metallics</b> .....	...	...	<b>144,920,841</b>	...	<b>171,241,069</b>
<b>Mineral — Fuels</b>					
Coal .....	ton	14,818,880	93,579,471	14,915,033	95,466,866
Natural gas .....	M cu. ft.	150,772,312	15,098,508	173,260,500	17,542,555
Peat .....	ton	—	—	—	—
Petroleum, crude .....	bbl.	129,440,247	305,640,036	170,569,200	401,840,650
<b>Total fuels</b> .....	...	...	<b>414,318,015</b>	...	<b>514,850,071</b>
<b>Structural Materials</b>					
Clay products (brick, tile, etc.) .....	...	...	35,259,770	...	38,062,112
Cement .....	bbl.	25,168,464	65,650,025	29,719,377	77,876,046
Lime .....	ton	1,331,118	15,810,904	1,303,889	15,328,917
Sand and gravel .....	"	127,524,474	67,775,053	128,995,782	72,637,049
Stone .....	"	30,512,920	43,736,687	31,549,706	43,349,462
<b>Total structural materials</b> .....	...	...	<b>228,232,439</b>	...	<b>247,253,586</b>
<b>Grand total</b> .....	...	...	<b>1,795,310,796</b>	...	<b>2,067,699,096</b>

**Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1956**

No.		Unit of measure	Newfound- land	Nova Scotia	New Brunswick	Quebec
<b>Metals</b>						
1	Antimony .....	lb.	—	—	—	—
2		\$	—	—	—	—
3	Bismuth .....	lb.	—	—	—	138,574
4		\$	—	—	—	223,182
5	Cadmium .....	lb.	—	—	—	—
6		\$	—	—	—	—
7	Cerium, Rare earths .....	lb.	—	—	—	—
8		\$	—	—	—	—
9	Cobalt .....	lb.	—	—	—	—
10		\$	—	—	—	—
11	Copper .....	lb.	6,805,870	714,604	31,150	244,918,466
12		\$	2,817,630	295,846	12,896	101,396,247
13	Gold .....	oz.	8,400	1,036	—	1,032,252
14		\$	289,296	35,680	—	35,550,759
15	Indium .....	oz.	—	—	—	—
16		\$	—	—	—	—
17	Iron ore .....	ton	8,751,741	—	—	7,795,200
18		\$	57,699,008	—	—	56,203,392
19	Iron (remelt) .....	ton	—	—	—	157,000
20		\$	—	—	—	6,339,000
21	Lead .....	lb.	46,594,650	1,168,764	485,070	5,628,959
22		\$	7,226,830	181,275	75,234	873,052
23	Magnesium and calcium .....	lb.	—	—	—	—
24		\$	—	—	—	1,230,000
25	Manganese ore .....	ton	—	—	—	—
26		\$	—	—	—	—
27	Molybdenite (MoS <sub>2</sub> ) .....	lb.	—	—	—	1,452,028
28		\$	—	—	—	967,461
29	Nickel .....	lb.	—	—	—	—
30		\$	—	—	—	—
31	Palladium, rhodium, etc. ....	oz.	—	—	—	—
32		\$	—	—	—	—
33	Platinum .....	oz.	—	—	—	—
34		\$	—	—	—	—
35	Selenium .....	lb.	—	—	—	270,000
36		\$	—	—	—	3,645,000
37	Silver .....	oz.	919,410	79,054	7,809	4,135,831
38		\$	824,803	70,919	7,005	3,710,254
39	Tellurium .....	lb.	—	—	—	—
40		\$	—	—	—	—
41	Tin .....	lb.	—	—	—	—
42		\$	—	—	—	—
43	Titanium ore .....	ton	—	—	—	4,443
44		\$	—	—	—	37,100
45	Tungsten (WO <sub>3</sub> ) .....	lb.	—	—	6,662	—
46		\$	—	—	10,992	—
47	Uranium .....	...	—	—	—	—
48		\$	—	—	—	—
49	Zinc .....	lb.	74,280,000	2,846,750	354,360	175,809,222
50		\$	11,000,868	421,604	52,481	26,037,345
51	<b>Total metals</b> .....	<b>\$</b>	<b>79,858,435</b>	<b>1,005,324</b>	<b>158,608</b>	<b>236,212,792</b>
<b>Non-metallics</b>						
52	Arsenious oxide .....	lb.	—	—	—	—
53		\$	—	—	—	—
54	Asbestos .....	ton	—	—	—	989,948
55		\$	—	—	—	98,760,505
56	Barite .....	ton	—	296,318	—	—
57		\$	—	2,248,769	—	—
58	Diatomite .....	ton	—	—	—	—
59		\$	—	—	—	—





## Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1956 — Concluded

No.		Unit of measure	Newfound-land	Nova Scotia	New Brunswick	Quebec
<b>Non-metallics — concluded</b>						
1	Feldspar .....	ton	—	—	—	17,763
2		\$	—	—	—	365,370
3	Fluorspar .....	ton	151,500	—	—	—
4		\$	3,824,500	—	—	—
5	Graphite .....	ton	—	—	—	—
6		\$	—	—	—	—
7	Grindstone .....	ton	—	—	—	—
8		\$	—	—	—	—
9	Gypsum .....	ton	40,000	4,434,406	79,069	—
10		\$	120,000	6,497,326	350,000	—
11	Iron oxide .....	ton	—	—	—	7,757
12		\$	—	—	—	170,135
13	Lithia .....	lb.	—	—	—	4,800,000
14		\$	—	—	—	2,640,000
15	Magnesitic dolomite and brucite .....	ton	—	—	—	...
16		\$	—	—	—	2,412,000
17	Mica .....	lb.	—	—	—	948,692
18		\$	—	—	—	63,253
19	Mineral water .....	gal.	—	—	—	300,000
20		\$	—	—	—	155,000
21	Nepheline syenite .....	ton	—	—	—	—
22		\$	—	—	—	—
23	Peat, moss .....	ton	—	1,004	8,225	42,213
24		\$	—	25,347	235,850	856,771
25	Quartz .....	ton	—	—	—	344,596
26		\$	—	—	—	1,280,742
27	Salt .....	ton	—	127,864	—	—
28		\$	—	2,267,016	—	—
29	Silica brick .....	M	—	1,541	—	—
30		\$	—	346,972	—	—
31	Soapstone and talc .....	ton	930	—	—	15,500
32		\$	12,750	—	—	175,000
33	Sodium sulphate .....	ton	—	—	—	—
34		\$	—	—	—	—
35	Sulphur (pyrite and smelter) .....	ton	...	—	—	...
36		\$	54,420	—	—	3,122,490
37	Titanium dioxide .....	ton	—	—	—	152,500
38		\$	—	—	—	6,771,000
39	<b>Total non-metallics .....</b>	<b>\$</b>	<b>4,011,670</b>	<b>11,385,430</b>	<b>585,850</b>	<b>116,772,266</b>
<b>Fuels</b>						
40	Coal .....	ton	—	5,787,915	983,482	—
41		\$	—	51,029,641	7,920,930	—
42	Natural gas .....	M cu. ft.	—	—	185,000	—
43		\$	—	—	138,750	—
44	Peat .....	ton	—	—	—	—
45		\$	—	—	—	—
46	Petroleum, crude .....	bbl.	—	—	22,300	—
47		\$	—	—	31,200	—
48	<b>Total fuels .....</b>	<b>\$</b>	<b>—</b>	<b>51,029,641</b>	<b>8,090,880</b>	<b>—</b>
<b>Structural materials</b>						
49	Clay products .....	\$	49,000	1,185,301	751,600	9,501,527
50	Cement .....	bbl.	500,000	—	915,000	10,805,439
51		\$	1,800,000	—	2,470,000	27,154,084
52	Lime .....	ton	—	—	18,313	457,696
53		\$	—	—	397,346	4,253,502
54	Sand and gravel .....	ton	2,457,271	1,225,029	6,360,372	36,224,137
55		\$	1,419,929	1,172,529	3,877,653	15,194,396
56	Stone .....	ton	319,445	380,509	2,092,574	12,186,098
57		\$	612,991	847,004	1,839,717	17,519,675
58	<b>Total structural materials .....</b>	<b>\$</b>	<b>3,881,920</b>	<b>3,204,834</b>	<b>9,336,316</b>	<b>73,623,184</b>
59	<b>Grand total, 1956 .....</b>	<b>\$</b>	<b>87,752,025</b>	<b>66,625,229</b>	<b>18,171,654</b>	<b>426,608,242</b>
60	<b>Grand total, 1955 .....</b>	<b>\$</b>	<b>68,462,956</b>	<b>67,133,539</b>	<b>15,759,744</b>	<b>357,010,045</b>

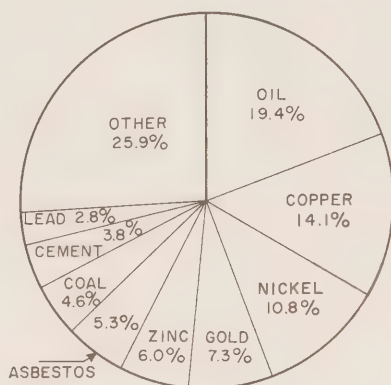
## Preliminary Estimate of the Mineral Production of Canada, by Provinces, 1956 — Concluded

Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon	Canada	No.
—	—	—	—	—	—	—	17,763	1
—	—	—	—	—	—	—	365,370	2
238	—	—	—	—	—	—	151,738	3
11,065	—	—	—	—	—	—	3,835,565	4
—	—	—	—	—	—	—	—	5
—	—	—	—	—	—	—	—	6
—	—	—	—	—	—	—	—	7
—	—	—	—	—	—	—	—	8
377,932	180,000	—	—	81,398	—	—	5,192,805	9
870,000	302,000	—	—	161,259	—	—	8,300,585	10
—	—	—	—	—	—	—	7,757	11
—	—	—	—	—	—	—	170,135	12
—	—	—	—	—	—	—	4,800,000	13
—	—	—	—	—	—	—	2,640,000	14
—	—	—	—	—	—	—	...	15
—	—	—	—	—	—	—	2,412,000	16
35,850	—	—	—	200,000	—	—	1,184,542	17
9,269	—	—	—	1,100	—	—	73,622	18
3,500	—	—	—	—	—	—	303,500	19
2,000	—	—	—	—	—	—	157,000	20
179,381	—	—	—	—	—	—	179,381	21
2,489,633	—	—	—	—	—	—	2,489,633	22
3,957	5,880	—	—	63,795	—	—	125,074	23
89,046	239,075	—	—	2,262,102	—	—	3,708,191	24
1,535,835	—	187,734	—	46,250	—	—	2,114,415	25
1,232,129	—	93,490	—	174,875	—	—	2,781,236	26
1,358,692	22,400	42,905	41,270	—	—	—	1,593,131	27
9,002,376	570,000	1,216,000	861,140	—	—	—	13,916,532	28
4,035	—	—	—	—	—	—	5,576	29
358,105	—	—	—	—	—	—	705,077	30
12,600	—	—	—	—	—	—	29,030	31
171,000	—	—	—	—	—	—	358,750	32
—	—	179,438	—	—	—	—	179,438	33
—	—	2,854,223	—	—	—	—	2,854,223	34
...	—	—	—	...	—	—	763,736	35
1,536,000	—	—	...	2,727,500	—	—	7,440,410	36
—	—	—	—	—	—	—	152,500	37
—	—	—	—	—	—	—	6,771,000	38
19,707,240	1,111,075	4,163,713	861,140	12,642,685	—	—	171,241,069	39
—	—	2,302,948	4,361,274	1,469,791	—	9,623	14,915,033	40
—	—	4,212,681	23,512,617	8,677,337	—	113,660	95,466,866	41
12,882,500	—	10,000,000	150,000,000	172,000	21,000	—	173,260,500	42
5,153,000	—	975,000	11,250,000	18,455	7,350	—	17,542,555	43
—	—	—	—	—	—	—	—	44
—	—	—	—	—	—	—	—	45
603,900	5,885,000	19,200,000	144,300,000	101,000	457,000	—	170,569,200	46
1,984,000	13,653,200	31,100,000	353,535,000	197,250	1,340,000	—	401,840,650	47
7,137,000	13,653,200	36,287,681	388,297,617	8,893,042	1,347,350	113,660	514,850,071	48
19,864,542	537,300	1,026,567	3,055,020	2,091,255	—	—	38,062,112	49
8,421,000	3,140,000	—	3,690,000	2,247,938	—	—	29,719,377	50
21,650,000	8,541,000	—	9,951,000	6,309,962	—	—	77,876,046	51
676,461	59,992	—	39,743	51,684	—	—	1,303,889	52
8,368,243	952,167	—	456,308	901,351	—	—	15,328,917	53
55,738,020	4,618,715	4,322,255	6,862,407	11,187,576	—	—	128,995,782	54
33,926,948	1,588,968	1,954,604	5,969,041	7,532,981	—	—	72,637,049	55
14,157,687	298,670	—	48,773	2,065,950	—	—	31,549,706	56
17,905,093	1,118,900	—	271,185	3,234,897	—	—	43,349,462	57
101,714,826	12,738,335	2,981,171	19,702,554	20,070,446	—	—	247,253,586	58
640,915,058	66,711,747	114,103,316	408,865,422	199,318,374	22,949,122	15,678,907	2,067,699,096	59
583,934,682	62,018,231	85,150,128	325,974,326	189,524,574	25,597,821	14,724,750	1,798,310,796	60



# MINERAL PRODUCTION, 1956

2,068 MILLION DOLLARS



MILLION  
TONS

60

50

40

30

20

10

0

## TONNAGE OF METALLIC ORES MINED

1922 — 1955

1922 1925 1930 1935 1940 1945 1950 1955

VALUE OF  
PRODUCTION

IRON  
ORE

SILVER  
LEAD  
ZINC

NICKEL  
COPPER

COPPER  
GOLD

GOLD  
QUARTZ

MILLION

\$

1000

900

800

700

600

500

400

300

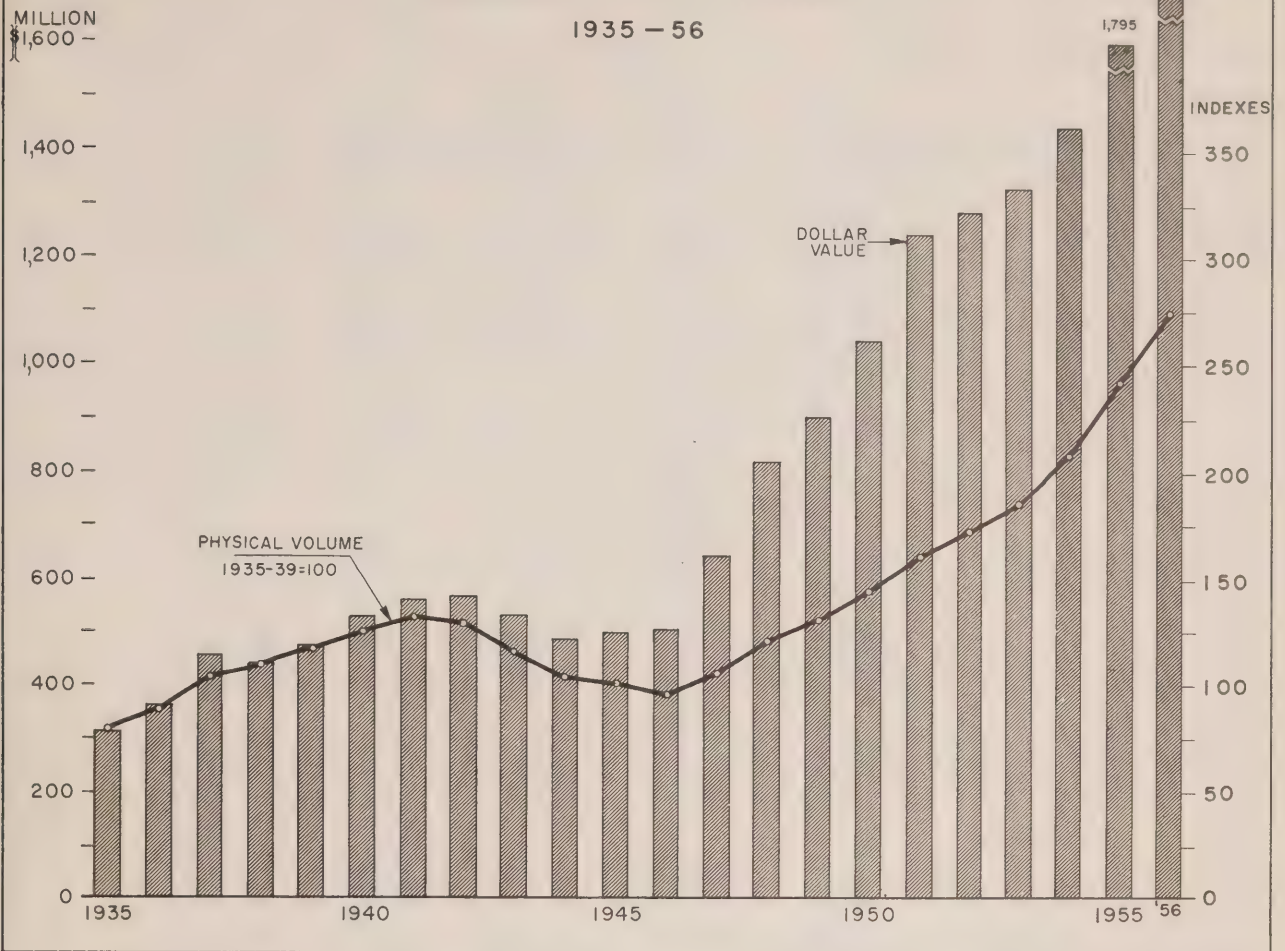
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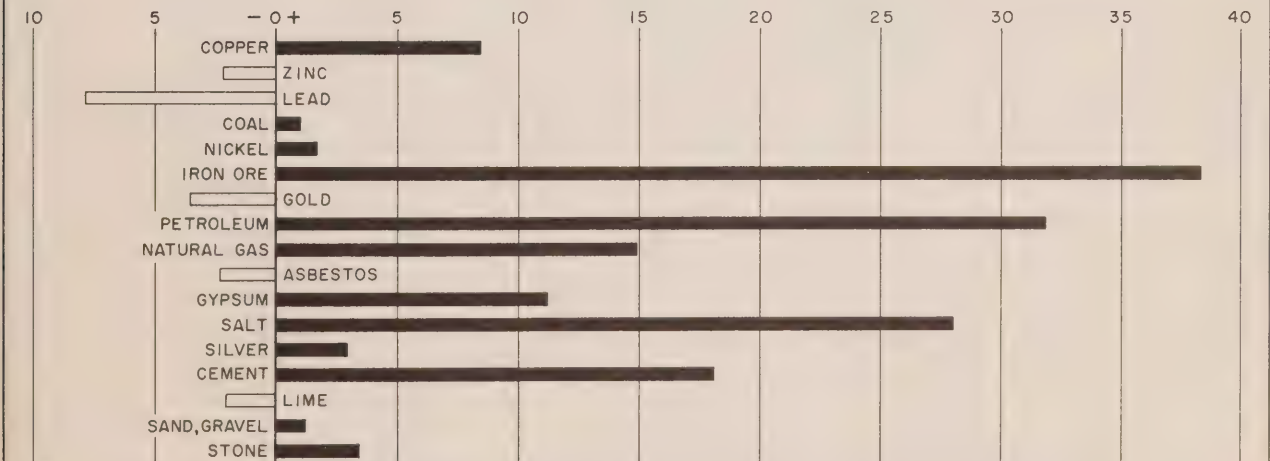
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# MINERAL PRODUCTION

1935 - 56



## PRINCIPAL MINERALS PER CENT CHANGE IN PHYSICAL OUTPUT 1956 COMPARED WITH 1955





Annual Values of the Mineral Production of Canada Since 1886

Year	Metallics	Non-metallics	Fuels	Structural materials	Total	Value per capita
	\$	\$	\$	\$	\$	\$
1886	2,118,608	1,259,827	4,367,444	2,225,376	10,221,255	2.23
1887	2,073,746	1,209,153	5,080,853	2,707,579	11,321,331	2.23
1888	2,628,292	1,320,585	5,522,016	2,798,001	12,518,894	2.67
1889	3,251,299	1,562,010	5,702,930	3,247,674	14,013,913	2.96
1890	3,614,488	2,392,315	6,745,279	3,761,271	16,763,353	3.50
1891	5,421,659	2,025,195	8,205,228	3,074,534	18,976,616	3.92
1892	3,698,697	1,417,821	7,658,444	3,603,455	16,628,417	3.39
1893	4,630,495	1,249,283	8,771,358	5,133,946	20,035,082	4.04
1894	4,685,852	1,263,803	8,727,095	5,004,408	19,931,158	3.98
1895	6,087,114	1,193,512	8,248,923	4,726,368	20,505,917	4.05
1896	8,030,633	1,207,671	8,658,410	4,327,542	22,474,256	4.38
1897	13,780,314	1,425,093	8,641,016	4,388,550	28,485,023	5.49
1898	21,741,865	1,492,262	9,608,158	5,270,146	38,412,431	7.32
1899	29,282,823	1,610,111	11,872,788	6,168,283	49,234,005	9.27
1900	40,521,807	1,914,690	15,311,479	6,372,901	64,420,877	12.04
1901	41,939,500	2,713,621	14,047,654	6,803,836	65,804,611	12.16
1902	35,924,651	2,730,425	16,359,722	7,896,836	63,211,634	11.36
1903	33,210,147	2,589,302	17,197,317	8,443,747	61,740,513	10.83
1904	30,924,897	2,807,995	17,858,902	8,182,103	60,073,897	10.27
1905	36,946,212	3,468,408	18,756,112	9,608,267	69,078,999	11.49
1906	41,949,563	4,424,882	21,081,724	11,530,528	79,286,697	12.81
1907	42,426,607	5,021,384	26,254,162	12,863,049	86,865,202	13.75
1908	41,774,362	5,188,269	26,954,515	11,339,955	85,557,101	13.16
1909	44,156,841	4,593,142	26,548,109	16,533,349	91,831,441	13.70
1910	49,438,873	5,109,754	32,647,404	19,627,592	106,823,623	14.93
1911	46,105,423	5,659,746	28,746,214	22,709,611	103,220,994	14.32
1912	61,172,753	6,750,980	38,729,694	28,794,869	135,048,296	18.33
1913	66,361,351	7,402,849	41,060,860	30,809,752	145,634,812	19.35
1914	59,386,619	6,165,107	37,302,122	26,009,227	128,863,075	16.75
1915	75,814,841	7,254,732	36,118,839	17,920,759	137,109,171	17.44
1916	106,319,365	10,245,689	43,169,294	17,467,185	177,201,534	22.05
1917	106,455,147	14,566,995	48,787,368	19,837,311	189,646,821	23.18
1918	114,549,152	17,192,967	60,428,979	19,130,799	211,301,897	25.37
1919	73,262,793	16,676,377	59,325,710	27,421,510	176,686,390	20.84
1920	77,939,630	22,260,697	85,767,250	41,892,088	227,859,665	26.40
1921	49,343,232	10,148,665	77,694,017	34,737,428	171,923,342	19.56
1922	61,785,707	10,986,120	71,990,674	39,534,741	184,297,242	20.55
1923	83,764,403	14,097,925	78,465,622	37,751,381	214,079,331	23.41
1924	102,058,235	12,374,278	59,770,024	35,380,869	209,583,406	22.71
1925	116,951,996	14,628,048	57,354,055	37,649,234	226,583,333	24.19
1926	115,090,770	16,643,022	68,743,933	39,959,398	240,437,123	25.61
1927	113,349,051	17,771,709	71,426,516	44,809,419	247,356,695	25.67
1928	131,819,402	19,019,744	74,413,160	49,737,181	274,989,487	27.96
1929	154,282,736	21,245,279	76,787,397	58,534,834	310,850,246	31.00
1930	142,614,237	15,347,391	68,184,485	53,727,465	279,873,578	27.42
1931	120,794,977	11,028,311	54,453,143	44,158,295	230,434,726	22.21
1932	111,943,049	7,839,551	49,047,342	22,398,283	191,228,225	18.20
1933	147,206,959	10,061,071	47,778,436	16,696,687	221,743,153	20.74
1934	194,213,956	10,558,174	54,262,099	19,286,671	278,320,990	25.67
1935	222,139,223	12,579,334	54,824,200	23,215,400	312,758,157	28.56
1936	259,988,203	16,782,608	59,983,320	25,770,741	362,524,872	32.82
1937	335,000,751	22,536,303	65,828,879	34,869,699	458,235,632	41.13
1938	324,064,074	20,122,661	64,803,294	33,878,666	442,868,695	39.42
1939	343,453,866	25,114,106	70,671,328	35,362,759	474,602,059	41.94
1940	382,440,214	26,074,296	78,837,874	42,472,651	529,825,035	46.39
1941	395,193,386	34,532,635	85,141,997	45,373,272	560,241,290	49.06
1942	391,540,411	37,329,163	92,169,291	45,729,807	566,768,672	48.63
1943	356,558,751	38,970,577	92,514,384	42,010,254	530,053,966	44.87
1944	308,111,295	37,431,875	97,291,007	42,984,937	485,819,114	40.57
1945	316,962,810	39,841,422	93,531,276	48,419,673	498,755,181	41.15
1946	290,386,425	43,792,717	102,516,888	66,120,221	502,816,251	40.86
1947	395,140,994	54,670,989	110,481,207	84,576,785	644,869,975	51.25
1948	488,287,835	67,097,524	159,736,260	105,127,246	820,248,865	63.67
1949	538,967,258	64,585,216	183,654,473	113,903,079	901,110,026	66.51
1950	617,238,340	94,721,564	201,193,957	132,296,212	1,045,450,073	74.68
1951	745,877,561	115,418,150	232,854,093	151,333,791	1,245,483,595	88.90
1952	728,458,160	124,493,256	263,582,319	168,808,618	1,285,342,353	89.07
1953	709,920,510	124,999,607	314,181,168	187,202,218	1,336,303,503	90.40
1954	802,401,423	128,038,507	352,959,465	204,982,696	1,488,382,091	96.59
1955	1,007,839,501	144,920,841	414,318,015	228,232,439	1,795,310,796	113.68

Notes. In presenting a total valuation of the mineral production as is here given, it should be explained that the production of the metals, copper, gold, lead, nickel, silver, zinc, etc., is given as far as possible on the basis of the quantities of metals recovered in smelters, and the total quantities in each case are valued chiefly at the average market price of the refined metal in a recognized market. There are thus included in some cases the values that have accrued in the smelting or refining of metals outside of Canada.

1886-1897 total includes \$250,000 estimated value of unreported products.

1898-1908 total includes \$300,000 estimated value of unreported products, mostly structural materials.



## The Mineral Production of Canada

Year	Gold <sup>1</sup>		Silver		Copper		Lead		Zinc <sup>2</sup>	
	fine oz.	\$	fine oz.	\$	pounds	\$	pounds	\$	pounds	\$
1886.....	70,782	1,463,196	—	—	3,505,000	385,550	—	—	—	—
1887.....	57,460	1,187,804	355,083	347,271	3,260,424	366,798	204,800	9,216	—	—
1888.....	53,145	1,098,610	437,232	410,998	5,562,864	927,107	674,500	29,812	—	—
1889.....	62,653	1,295,159	383,318	358,785	6,809,752	936,341	165,100	6,488	—	—
1890.....	55,620	1,149,776	400,687	419,118	6,013,671	947,153	105,000	4,704	—	—
1891.....	45,018	930,614	414,523	409,549	9,529,401	1,226,703	88,665	3,857	—	—
1892.....	43,905	907,601	310,651	272,130	7,087,275	818,580	808,420	33,064	—	—
1893.....	47,243	976,603	428,738	330,128	8,109,856	871,809	2,135,023	79,636	—	—
1894.....	54,600	1,128,688	847,697	534,049	7,708,789	736,960	5,703,222	187,636	—	—
1895.....	100,798	2,083,674	1,578,275	1,030,299	7,771,639	836,228	16,461,794	531,716	—	—
1896.....	133,262	2,754,774	3,205,343	2,149,503	9,393,012	1,021,960	24,199,977	721,159	—	—
1897.....	291,557	6,027,016	5,558,446	3,323,395	13,300,802	1,501,660	39,018,219	1,396,853	—	—
1898.....	666,386	13,775,420	4,452,333	2,593,929	17,747,136	2,134,980	31,915,319	1,206,399	788,000	36,011
1899.....	1,028,529	21,261,584	3,411,644	2,032,658	15,078,475	2,655,319	21,862,436	977,250	814,000	46,805
1900.....	1,350,057	27,908,153	4,468,225	2,740,362	18,937,138	3,065,922	63,169,821	2,760,521	212,800	9,342
1901.....	1,167,216	24,128,503	5,539,192	3,265,354	37,827,019	6,096,581	51,900,958	2,249,387	—	—
1902.....	1,032,161	21,336,667	4,291,317	2,238,351	38,804,259	4,511,383	22,956,381	934,095	142,200	6,882
1903.....	911,559	18,843,590	3,198,581	1,709,642	42,684,454	5,649,487	18,139,283	768,562	900,000	48,600
1904.....	796,374	16,462,517	3,577,526	2,047,095	41,383,722	5,306,635	37,531,244	1,617,221	477,568	24,350
1905.....	684,951	14,159,195	6,000,023	3,621,133	48,092,753	7,497,660	56,864,915	2,676,632	9,413	139,200
1906.....	556,415	11,502,120	8,473,379	5,659,455	55,609,888	10,720,474	54,608,217	3,089,187	1,154	23,800
1907.....	463,517	8,382,780	12,779,799	8,348,659	56,979,205	11,398,120	47,738,703	2,542,086	1,573	49,100
1908.....	476,112	9,842,105	22,106,233	11,686,239	63,702,873	8,413,876	43,195,733	1,814,221	452	3,215
1909.....	453,865	9,382,230	27,529,473	14,178,504	52,493,863	6,814,754	45,857,424	1,692,139	18,371	242,699
1910.....	493,707	10,205,835	32,869,264	17,580,455	55,692,369	7,094,094	32,987,508	1,216,249	5,063	120,003
1911.....	473,159	9,781,077	32,559,044	17,355,272	55,648,011	6,886,998	23,784,969	827,717	2,590	101,072
1912.....	611,885	12,648,794	31,955,560	19,440,165	77,832,127	12,718,548	35,763,476	1,597,554	6,415	211,774
1913.....	802,973	16,598,923	31,845,803	19,040,924	76,976,925	11,753,606	37,662,703	1,754,705	7,889	186,827
1914.....	773,178	15,983,007	28,449,821	15,593,631	75,735,960	10,301,606	36,337,765	1,627,568	10,893	262,563
1915.....	918,056	18,977,901	26,625,960	13,228,842	100,785,150	17,410,635	46,316,450	2,593,721	14,895	554,938
1916.....	930,492	19,234,976	25,459,741	16,717,121	117,150,028	31,867,150	41,497,615	3,532,692	23,364,760	2,991,623
1917.....	738,831	15,272,992	22,221,274	18,091,895	109,227,332	29,687,980	32,576,281	3,628,020	29,668,764	2,640,817
1918.....	699,681	14,463,689	21,383,979	20,693,704	118,769,434	29,250,536	51,398,002	4,754,315	35,083,175	2,862,436
1919.....	766,764	15,850,423	16,020,657	17,802,474	75,053,581	14,028,265	43,827,699	3,053,037	32,194,707	2,362,448
1920.....	765,007	15,814,098	13,330,357	13,450,330	81,600,691	14,244,217	35,953,717	3,214,262	39,863,912	3,057,961
1921.....	926,329	19,148,920	13,543,198	8,485,355	47,620,820	5,953,555	66,679,592	3,828,742	53,089,356	2,471,310
1922.....	1,263,364	26,116,050	18,626,439	12,576,758	42,879,818	5,738,177	93,307,171	5,817,702	56,290,000	3,217,536
1923.....	1,233,341	25,495,421	18,601,744	12,067,509	86,881,537	12,529,186	111,234,466	7,985,522	60,416,246	3,991,701
1924.....	1,525,382	31,532,443	19,736,323	13,180,113	104,457,447	13,604,538	175,485,499	14,221,345	98,909,077	6,274,791
1925.....	1,735,735	35,880,826	20,228,988	13,971,150	111,450,518	15,649,882	253,590,578	23,127,460	109,268,511	8,328,446
1926.....	1,754,228	36,263,110	22,371,924	13,894,531	133,094,942	17,490,300	283,801,265	19,440,661	149,938,105	11,110,413
1927.....	1,852,785	38,300,464	22,736,698	12,816,677	140,147,440	17,195,487	311,423,161	16,277,139	165,495,525	10,250,793
1928.....	1,890,592	39,082,005	21,936,407	12,761,725	202,696,046	28,598,249	337,946,688	15,553,231	184,647,374	10,143,050
1929.....	1,928,308	39,861,663	23,143,261	12,264,308	248,120,760	43,415,251	326,522,566	16,544,248	197,267,087	10,626,778
1930.....	2,102,068	43,453,601	26,443,823	10,089,376	303,478,366	37,948,359	332,894,163	13,102,635	267,643,505	9,635,166
1931.....	2,693,892	58,093,396	20,562,247	6,141,943	292,304,399	14,214,065	267,342,482	7,260,183	237,245,451	6,059,249
1932.....	3,044,387	71,479,373	18,347,907	5,811,081	247,679,070	25,294,058	255,947,378	5,480,704	172,283,558	4,144,454
1933.....	2,949,309	84,350,237	15,187,950	5,746,027	299,982,448	21,634,853	266,475,191	6,372,998	199,131,984	6,393,132
1934.....	2,972,074	102,536,553	16,415,282	7,790,840	364,761,062	26,671,438	346,276,576	8,436,658	298,579,683	9,087,571
1935.....	3,284,890	115,595,279	16,618,558	10,767,148	418,997,700	32,311,960	339,105,079	10,624,772	320,649,859	9,936,908
1936.....	3,748,028	131,293,421	18,334,487	8,273,804	421,027,732	39,514,101	383,180,909	14,993,869	333,182,736	11,045,007
1937.....	4,096,213	143,326,493	22,977,751	10,312,644	530,028,615	68,917,219	411,999,484	21,053,173	370,337,589	18,153,949
1938.....	4,725,117	166,205,990	22,219,195	9,660,239	571,249,664	66,554,034	418,927,660	14,008,941	381,506,588	11,723,698
1939.....	5,094,379	184,115,951	23,163,629	9,378,490	608,825,570	60,934,859	388,569,550	12,313,768	394,553,860	12,108,244
1940.....	5,311,145	204,479,083	23,833,752	9,116,172	655,593,441	65,773,061	471,850,256	15,863,605	424,028,862	14,463,624
1941.....	5,345,179	205,789,392	21,754,408	8,323,454	643,316,713	64,407,497	460,167,005	15,470,815	512,381,636	17,477,337
1942.....	4,841,306	186,390,281	20,695,101	8,728,296	603,661,826	60,417,372	512,142,562	17,218,233	580,257,373	19,792,579
1943.....	3,651,301	140,575,088	17,344,569	7,849,111	575,190,132	67,170,601	444,060,769	16,670,041	610,754,354	24,430,174
1944.....	2,922,911	112,532,073	13,627,109	5,859,656	547,070,118	65,257,172	304,582,198	13,706,199	550,823,353	23,685,405
1945.....	2,696,727	103,823,990	12,942,906	6,083,166	474,914,052	59,322,261	346,994,472	17,349,723	517,213,604	33,308,556
1946.....	2,832,554	104,096,359	12,544,100	10,493,139	367,936,875	46,632,093	353,973,776	23,893,230	470,620,360	36,755,450
1947.....	3,070,221	107,457,735	12,504,018	9,002,893	451,723,093	91,541,888	323,336,687	44,200,124	415,725,826	46,686,010
1948.....	3,529,608	123,536,280	16,109,982	12,082,487	481,463,966	107,159,756	334,501,917	60,344,146	468,327,036	65,237,956
1949.....	4,123,518	148,446,648	17,641,493	13,098,808	526,913,632	104,719,151	319,549,865	50,488,879	576,524,097	76,372,147
1950.....	4,441,227	168,988,687	23,221,431	18,767,561	528,418,296	123,211,407	331,394,128	47,886,452	626,454,598	98,040,145
1951.....	4,392,751	161,872,873	23,125,825	21,865,467	539,941,589	149,026,216	316,462,751	58,229,146	682,224,335	135,762,643
1952.....	4,471,725	153,246,016	25,222,227	21,065,603	516,075,097	146,679,040	337,683,891	54,671,021	743,604,155	129,833,285
1953.....	4,055,723	139,597,985	28,299,335	23,774,271	506,504,074	150,953,742	387,411,588	50,076,822	803,523,235	96,101,386
1954.....	4,366,440	148,764,611	31,117,949	25,907,870	605,464,042	175,712,693	436,990,488	58,250,831	752,982,353	90,207,285
1955.....	4,541,962	156,788,528	27,984,204	24,676,472	651,987,423	239,756,455	405,525,038	58,314,500	866,714,038	118,306,466

1. To 1930, inclusive, gold valued at \$20.671834 per ounce; from 1931 to 1955, valued at world price of gold in Canadian funds.

2. From 1898 to 1904, quantities show pounds of zinc contained in ores shipped. From 1905 to 1955, quantities show tons of ore concentrates shipped from mines. From 1916 to 1915, quantities show recoverable zinc in ores exported plus refined zinc made in Canada.

## The Mineral Production of Canada — Continued

Year	Antimony ore		Bismuth		Cadmium		Calcium		Chromite	
	tons	\$	lb.	\$	lb.	\$	lb.	\$	tons	\$
1886	665	31,490	—	—	—	—	—	—	60	945
1887	584	10,860	—	—	—	—	—	—	38	570
1888	345	3,696	—	—	—	—	—	—	—	—
1889	55	1,100	—	—	—	—	—	—	—	—
1890	26	625	—	—	—	—	—	—	—	—
1891	10	60	—	—	—	—	—	—	—	—
1892	—	—	—	—	—	—	—	—	—	—
1893	—	—	—	—	—	—	—	—	1,000	20,000
1894	—	—	—	—	—	—	—	—	3,177	41,300
1895	—	—	—	—	—	—	—	—	—	—
1896	—	—	—	—	—	—	—	—	2,342	27,004
1897	—	—	—	—	—	—	—	—	2,637	32,474
1898	1,344	20,000	—	—	—	—	—	—	2,021	24,252
1899	—	—	—	—	—	—	—	—	2,010	21,842
1900	—	—	—	—	—	—	—	—	2,335	27,000
1901	—	—	—	—	—	—	—	—	1,274	16,744
1902	—	—	—	—	—	—	—	—	900	13,000
1903	—	—	—	—	—	—	—	—	3,509	51,129
1904	—	—	—	—	—	—	—	—	6,074	67,146
1905	527	...	—	—	—	—	—	—	8,575	93,301
1906	782	...	—	—	—	—	—	—	9,035	91,859
1907	2,048	70,108	—	—	—	—	—	—	7,196	72,901
1908	148	5,443	—	—	—	—	—	—	7,225	82,008
1909	66	5,860	—	—	—	—	—	—	2,470	26,604
1910	364	13,906	—	—	—	—	—	—	299	3,734
1911	—	—	—	—	—	—	—	—	157	2,587
1912	—	—	—	—	—	—	—	—	—	—
1913	—	—	—	—	—	—	—	—	136	1,210
1914	—	—	—	—	—	—	—	—	12,341	179,543
1915	1,371	93,171	—	—	—	—	—	—	27,517	311,460
1916	939	136,360	—	—	—	—	—	—	36,725	499,682
1917	361	22,000	—	—	—	—	—	—	21,994	867,122
1918	—	—	—	—	—	—	—	—	8,541	228,898
1919	—	—	—	—	—	—	—	—	11,016	251,379
1920	—	—	—	—	—	—	—	—	—	—
1921	—	—	—	—	—	—	—	—	2,798	55,696
1922	—	—	—	—	—	—	—	—	767	11,503
1923	—	—	—	—	—	—	—	—	3,558	52,650
1924	—	—	12,863	27,913	—	—	—	—	—	—
1925	1	206	19,667	18,566	—	—	—	—	—	—
1926	1	281	6,440	6,440	—	—	—	—	—	—
1927	—	—	2,072	1,033	—	—	—	—	—	—
1928	—	—	14,002	5,067	491,894	341,374	—	—	—	—
1929	—	—	194,329	307,114	773,976	675,294	—	—	126	900
1930	—	—	12,732	6,366	456,582	337,871	—	—	—	—
1931	—	—	118,207	157,650	323,139	180,958	—	—	—	—
1932	—	—	16,855	7,340	65,425	26,824	—	—	78	1,113
1933	—	—	78,303	81,526	246,041	78,733	—	—	30	343
1934	—	—	253,644	301,215	293,611	95,665	—	—	111	1,578
1935	—	—	13,797	13,245	580,530	441,203	—	—	1,144	14,947
1936	Pounds	—	364,165	360,523	785,916	699,465	—	—	923	13,578
1937	48,163 <sup>1</sup>	7,394	5,711	5,654	745,207	1,222,140	—	—	4,272	43,250
1938	24,560	2,200	9,516	9,754	699,138	561,799	—	—	—	—
1939	1,225,585	151,469	409,449	466,362	939,691	662,209	—	—	—	—
1940	2,594,492	396,468	58,529	81,004	908,127	1,056,152	—	—	335	5,780
1941	3,185,077	445,911	7,511	10,396	1,251,291	1,469,016	—	—	2,372	42,679
1942	3,041,108	516,988	347,556	479,627	1,148,963	1,355,776	—	—	11,456	343,568
1943	1,114,166	189,408	407,597	562,484	786,611	904,602	—	—	29,595	919,878
1944	1,937,933	281,000	123,875	154,844	526,970	579,667	—	—	27,054	748,494
1945	1,667,951	290,557	189,815	260,047	646,064	639,603	22,720	19,312	5,755	160,752
1946	642,145	96,322	240,504	336,706	802,648	979,230	53,548	68,720	3,110	61,123
1947	1,150,463	384,255	284,372	560,213	718,534	1,235,879	602,665	642,607	2,162	42,159
1948	310,062	113,173	240,242	480,484	766,090	1,398,114	895,203	1,723,266	1,715	33,568
1949	158,288	61,020	102,913	210,972	846,541	1,735,409	520,609	1,041,218	361	7,148
1950	643,540	215,586	191,621	431,147	848,406	1,968,302	...	2	—	—
1951	6,702,164	1,436,713	230,298	543,504	1,326,920	3,556,145	...	2	—	—
1952	2,330,900	601,483	162,373	347,224	948,587	2,086,891	...	2	—	—
1953	1,488,105	291,862	117,366	209,557	1,118,285	2,236,570	...	2	—	—
1954	1,302,333	349,249	258,675	572,183	1,086,780	1,847,526	...	2	—	—
1955	2,021,726	563,345	265,896	572,362	1,919,081	3,262,439	...	2	—	—

1. Antimony metal, antimony content in antimonial lead, flue dust and slag shipped.

2. Included in magnesium.

Beryl crystals in 1929—4,456 pounds valued at \$114.

Beryllium ore in 1950—29 tons valued at \$7,882.

Columbium pentoxide in 1954—90 pounds valued at \$2,294, in 1955—42 pounds at \$1,032.

Cerium, Rare earths, exported concentrates, were valued at \$988 in 1955.



## The Mineral Production of Canada—Continued

Year	Cobalt		Indium		Iron ore <sup>2,3</sup>		Iron (re-melt)		Magnesium	
	pounds	\$	oz.	\$	tons	\$	tons	\$	lb.	\$
1886.....	—	...	—	—	64,361	...	—	—	—	—
1887.....	—	—	—	—	76,330	146,197	—	—	—	—
1888.....	—	—	—	—	78,587	152,068	—	—	—	—
1889.....	—	—	—	—	84,181	151,640	—	—	—	—
1890.....	—	—	—	—	76,511	155,380	—	—	—	—
1891.....	—	—	—	—	68,979	142,005	—	—	—	—
1892.....	—	—	—	—	103,248	268,866	—	—	—	—
1893.....	—	—	—	—	125,602	299,368	—	—	—	—
1894.....	—	—	—	—	109,991	226,611	—	—	—	—
1895.....	—	—	—	—	102,797	238,070	—	—	—	—
1896.....	—	—	—	—	91,906	191,557	—	—	—	—
1897.....	—	—	—	—	50,705	130,290	—	—	—	—
1898.....	—	—	—	—	58,343	152,788	—	—	—	—
1899.....	—	—	—	—	74,617	240,542	—	—	—	—
1900.....	—	—	—	—	122,000	...	—	—	—	—
1901.....	—	—	—	—	313,646	...	—	—	—	—
1902.....	—	—	—	—	404,003	...	—	—	—	—
1903.....	—	—	—	—	264,294	...	—	—	—	—
1904.....	32,000	19,960	—	—	219,046	...	—	—	—	—
1905.....	236,000	100,000	—	—	291,097	...	—	—	—	—
1906.....	642,000	80,704	—	—	248,832	522,242	—	—	—	—
1907.....	1,478,000	104,426	—	—	312,856	666,941	—	—	—	—
1908.....	2,448,000	111,118	—	—	238,082	568,189	—	—	—	—
1909.....	3,066,000	94,965	—	—	268,043	659,316	—	—	—	—
1910.....	2,196,000	54,699	—	—	259,418	574,362	—	—	—	—
1911.....	1,704,000	170,890	—	—	210,344	522,319	—	—	—	—
1912.....	1,868,000	314,381	—	—	215,883	523,315	—	—	—	—
1913.....	1,642,000	420,386	—	—	307,634	629,843	—	—	—	—
1914.....	702,000	590,406	—	—	244,254	542,041	—	—	—	—
1915.....	412,000	383,261	—	—	398,112	774,427	—	—	—	—
1916.....	800,000	805,014	—	—	275,176	715,107	—	—	—	—
1917.....	674,000	1,138,190	—	—	215,302	758,621	—	—	—	—
1918.....	760,000	1,640,310	—	—	211,608	885,893	—	—	—	—
1919.....	596,000	1,019,479	—	—	197,170	693,386	—	—	—	—
1920.....	566,000	1,605,365	—	—	129,072	517,987	—	—	—	—
1921.....	251,986	755,958	—	—	59,509	230,164	—	—	—	—
1922.....	569,960	1,852,370	—	—	17,971	56,993	—	—	—	—
1923.....	888,061	2,530,974	—	—	30,690	114,758	—	—	—	—
1924.....	948,704	1,682,395	—	—	72	165	—	—	—	—
1925.....	1,116,492	2,328,517	—	—	—	—	—	—	—	—
1926.....	664,778	1,136,014	—	—	—	—	—	—	—	—
1927.....	880,590	1,764,534	—	—	—	—	—	—	—	—
1928.....	956,590	1,672,320	—	—	—	—	—	—	—	—
1929.....	929,415	1,801,915	—	—	—	—	—	—	—	—
1930.....	694,163	1,144,007	—	—	—	—	—	—	—	—
1931.....	521,051	651,179	—	—	—	—	—	—	—	—
1932.....	490,631	587,957	—	—	—	—	—	—	—	—
1933.....	466,702	597,752	—	—	—	—	—	—	—	—
1934.....	594,671	592,497	—	—	—	—	—	—	—	—
1935.....	681,419	512,705	—	—	—	—	—	—	—	—
1936.....	887,591	804,676	—	—	—	—	—	—	—	—
1937.....	507,064	848,145	—	—	—	—	—	—	—	—
1938.....	459,226	790,913	—	—	—	—	—	—	—	—
1939.....	732,561	1,213,454	—	—	123,598	341,594	—	—	—	—
1940.....	794,359	1,235,220	—	—	414,603	1,211,305	—	—	—	—
1941.....	263,257	255,904	—	—	516,037	1,426,057	—	—	10,905	2,944
1942.....	83,871	88,444	470	4,710	545,306	1,517,077	—	—	808,718	355,836
1943.....	175,961	191,407	—	—	641,294	2,032,240	—	—	7,153,974	2,074,652
1944.....	36,283	34,106	—	—	553,252	1,909,608	—	—	10,579,778	2,575,695
1945.....	109,123	90,026	—	—	1,135,444	3,635,095	—	—	7,358,545	1,607,264
1946.....	73,900	70,215	—	—	1,549,523	6,822,947	—	—	320,677	75,538
1947.....	572,673	875,644	—	—	1,919,366	9,313,201	—	—	...	724,914 <sup>4</sup>
1948.....	1,544,852	2,029,178	—	—	1,337,244	7,487,611	—	—	...	1,860,046
1949.....	619,065	952,469	689	1,550	3,675,096	21,203,907	—	—	...	1,041,218
1950.....	583,806	964,003	4,952	12,083	3,605,261	23,413,547	1,697	138,284	...	1,545,011
1951.....	951,607	1,999,612	582	1,368	4,680,510	31,141,112	15,554	777,142	...	3,907,052
1952.....	1,421,923	3,226,903	404	909	5,271,849	33,744,311	32,422	1,815,007	...	5,366,162
1953.....	1,602,545	4,013,077	6,752	9,588	6,509,818	44,102,944	107,370	4,064,039	...	6,335,592
1954.....	2,252,965	5,912,997	477	1,278	7,361,598	49,666,507	90,562	2,910,663	...	6,586,759
1955.....	3,318,637	8,563,700	104,774	232,598	16,283,177	110,435,850	115,955	4,831,845	...	6,585,409

1. Exclusive of metal in ore placed on government stockpile at Deloro, Ontario.

2. Includes some titaniferous ore prior to 1923.

3. For record only, annual values prior to 1924 were not used in computing total value of mineral production.

4. Includes calcium from 1947 to 1955.



## The Mineral Production of Canada — Continued

Year	Manganese ore		Mercury		Molybdenite ore and concentrates <sup>3</sup>		Nickel		Palladium and other precious metals <sup>4</sup>	
	tons	\$	pounds	\$	tons	\$	pounds	\$	fine oz.	\$
1886	1,789	41,499	—	—	—	—	—	—	—	—
1887	1,245	43,658	—	—	—	—	—	—	—	—
1888	1,801	47,944	—	—	—	—	—	—	—	—
1889	1,455	32,737	—	—	—	—	830,477	498,286	—	—
1890	1,328	32,550	—	—	—	—	1,435,742	933,232	—	—
1891	255	6,694	—	—	—	—	4,035,347	2,421,208	—	—
1892	115	10,250	—	—	—	—	2,413,717	1,399,956	—	—
1893	213	14,578	—	—	—	—	3,982,982	2,071,151	—	—
1894	74	4,180	—	—	—	—	4,907,430	1,870,958	—	—
1895	125	8,464	5,396	2,343	—	—	3,888,525	1,360,984	—	—
1896	124	3,975	4,408	1,940	—	—	3,397,113	1,188,990	—	—
1897	15	1,166	684	324	—	—	3,997,647	1,399,176	—	—
1898	50	1,600	—	—	—	—	5,517,690	1,820,838	—	—
1899	1,581	20,004	—	—	—	—	5,744,000	2,067,840	—	—
1900	30	1,800	—	—	—	—	7,080,227	3,327,707	—	—
1901	440	4,820	—	—	—	—	9,189,047	4,594,523	—	—
1902	172	4,062	—	—	3	400	10,693,410	5,025,903	4,411	86,014
1903	91	2,775	—	—	85	1,275	12,505,510	5,002,204	3,177	61,952
1904	66	2,740	—	—	—	—	10,547,883	4,219,153	952	18,564
1905	22	1,720	—	—	—	—	18,876,315	7,550,526	1,003	16,746
1906	93	925	—	—	—	—	21,490,955	8,948,834	202	2,512
1907	1	22	—	—	—	—	21,189,793	9,535,407	607	—
1908	—	—	—	—	—	—	19,143,111	8,231,538	328	Values
1909	—	—	—	—	—	—	26,282,991	9,461,877	1,271	—
1910	—	—	—	—	—	—	37,271,033	11,181,310	523	—
1911	6	300	—	—	—	—	34,098,744	10,229,623	753	not
1912	75	1,875	—	—	—	—	44,841,542	13,452,463	680	—
1913	—	—	—	—	—	—	49,676,772	14,903,032	399	—
1914	28	1,120	—	—	16	2,063	45,517,937	13,655,381	1,272	complete
1915	201	9,360	—	—	39	28,920	68,308,657	20,492,597	600	—
1916	957	89,544	—	—	610	188,316	82,958,564	29,035,497	1,602	...
1917	158	14,836	—	—	1,554	320,006	84,330,280	33,732,112	1,679	...
1918	440	6,230	—	—	461	428,807	92,507,293	37,002,917	1,260	...
1919	661	14,159	—	—	46	69,203	44,544,883	17,817,953	1,128	...
1920	649	11,029	—	—	—	—	61,335,706	24,534,282	1,425	...
1921	68	3,400	—	—	—	—	19,293,060	6,752,571	913	...
1922	73	2,044	—	—	—	—	17,597,123	6,158,993	1,219	...
1923	200	1,400	—	—	—	—	62,453,843	18,332,077	2,036	183,560
1924	584	4,088	—	—	10	9,370	69,536,350	19,470,178	9,516	863,113
1925	—	—	380	2	15	11,176	73,857,114	15,946,672	8,288	648,969
1926	—	—	—	—	12	10,472	65,714,294	14,374,163	10,024	640,178
1927	—	—	—	—	—	—	66,798,717	15,262,171	11,545	554,190
1928	—	—	—	—	—	—	96,755,578	22,318,907	13,607	627,833
1929	—	—	—	—	9	6,400	110,275,912	27,115,461	17,318	809,289
1930	273	1,356	—	—	—	—	103,768,857	24,455,123	34,092	895,867
1931	117	2,893	—	—	1	280	65,666,320	15,267,453	46,918	1,217,717
1932	—	—	—	—	—	—	30,327,968	7,179,862	37,613	901,890
1933	—	—	—	—	—	—	83,264,658	20,130,480	31,009	645,043
1934	—	—	—	—	—	—	128,687,340	32,139,425	83,932	1,699,228
1935	100	800	—	—	—	—	138,516,240	35,345,103	84,772	1,962,937
1936	221	1,596	—	—	—	—	169,739,393	43,876,525	103,671	2,483,076
1937	85	817	—	—	8	8,147	224,905,046	59,507,176	119,829	3,179,782
1938	—	—	760	760	6	4,500	210,572,738	53,914,494	130,893	3,677,342
1939	396	3,688	436	1,226	1	816	226,105,865	50,920,305	135,402	4,199,622
1940	152	4,315	153,830	369,317	11	10,280	245,557,871	59,822,591	91,522	3,520,746
1941	1	1	536,304	1,335,697	98	88,470	282,258,235	68,656,795	97,432	3,396,304
1942	435	8,932	1,035,914	2,943,807	114	134,963	285,211,803	69,998,427	222,573	8,279,221
1943	48	985	1,690,240	4,559,200	342	549,515	288,018,615	71,675,322	126,004	5,233,068
1944	—	—	735,908	1,210,375	1,062	1,079,698	274,598,629	69,204,152	42,929	1,960,085
1945	—	—	—	—	489	411,663	245,130,983	61,982,133	458,674	18,671,074
1946	—	—	—	—	368	295,640	192,124,537	45,385,155	117,566	5,162,801
1947	225	7,825	—	—	380	309,048	237,251,496	70,650,764	110,332	4,387,740
1948	3	88	—	—	152	137,143	263,479,163	86,904,235	148,343	6,295,132
1949	—	—	—	—	—	—	257,379,216	99,173,289	182,233	8,289,915
1950	—	—	—	—	52	60,059	247,317,867	112,104,685	148,741	7,578,144
1951	—	—	—	—	191	228,958	275,806,272	151,269,994	164,905	7,950,107
1952	—	—	—	—	253	409,831	281,117,072	151,349,438	157,407	7,559,109
1953	—	—	—	—	...	215,527	287,385,777	160,430,098	166,018	7,495,409
1954	—	—	—	—	...	457,912	322,557,961	180,173,392	189,350	7,956,087
1955	—	—	75	250	...	823,954	349,856,997	215,866,007	214,252	8,321,633

1. 7,500 pounds of manganese metal valued at \$7,500 produced at a Nova Scotia mine.

2. No value recorded.

3. Sales, including MoS<sub>2</sub>, consumed at Quyon, Quebec.

4. Data relating to platinum metals prior to 1923 are conjectural in nature and do not necessarily agree with provincial totals.

## The Mineral Production of Canada — Continued

Year	Platinum <sup>1</sup>		Pitchblende products	Selenium		Tellurium		Thallium	
	fine oz.	\$	\$	lb.	\$	lb.	\$	lb.	\$
1886 .....	—	—	—	—	—	—	—	—	—
1887 .....	...	5,600	—	—	—	—	—	—	—
1888 .....	...	6,000	—	—	—	—	—	—	—
1889 .....	...	3,500	—	—	—	—	—	—	—
1890 .....	...	4,500	—	—	—	—	—	—	—
1891 .....	...	10,000	—	—	—	—	—	—	—
1892 .....	...	3,500	—	—	—	—	—	—	—
1893 .....	...	1,800	—	—	—	—	—	—	—
1894 .....	...	950	—	—	—	—	—	—	—
1895 .....	...	3,800	—	—	—	—	—	—	—
1896 .....	...	750	—	—	—	—	—	—	—
1897 .....	—	1,600	—	—	—	—	—	—	—
1898 .....	—	1,500	—	—	—	—	—	—	—
1899 .....	...	825	—	—	—	—	—	—	—
1900 .....	—	—	—	—	—	—	—	—	—
1901 .....	...	457	—	—	—	—	—	—	—
1902 .....	2,385	46,502	—	—	—	—	—	—	—
1903 .....	1,710	33,345	—	—	—	—	—	—	—
1904 .....	551	10,872	—	—	—	—	—	—	—
1905 .....	574	11,870	—	—	—	—	—	—	—
1906 .....	112	3,140	—	—	—	—	—	—	—
1907 .....	227	7,032	—	—	—	—	—	—	—
1908 .....	172	2,807	—	—	—	—	—	—	—
1909 .....	547	13,604	—	—	—	—	—	—	—
1910 .....	258	8,437	—	—	—	—	—	—	—
1911 .....	666	28,718	—	—	—	—	—	—	—
1912 .....	497	22,638	—	—	—	—	—	—	—
1913 .....	211	9,151	—	—	—	—	—	—	—
1914 .....	748	33,765	—	—	—	—	—	—	—
1915 .....	475	22,366	—	—	—	—	—	—	—
1916 .....	1,032	85,418	—	—	—	—	—	—	—
1917 .....	1,028	103,661	—	—	—	—	—	—	—
1918 .....	689	71,428	—	—	—	—	—	—	—
1919 .....	667	74,311	—	—	—	—	—	—	—
1920 .....	595	37,680	—	—	—	—	—	—	—
1921 .....	292	22,599	—	—	—	—	—	—	—
1922 .....	470	45,863	—	—	—	—	—	—	—
1923 .....	1,217	141,826	—	—	—	—	—	—	—
1924 .....	9,186	1,091,427	—	—	—	—	—	—	—
1925 .....	8,698	1,028,192	—	—	—	—	—	—	—
1926 .....	9,521	923,607	—	—	—	—	—	—	—
1927 .....	11,228	717,613	—	—	—	—	—	—	—
1928 .....	10,532	708,909	—	—	—	—	—	—	—
1929 .....	12,519	846,756	—	—	—	—	—	—	—
1930 .....	34,024	1,543,261	—	—	—	—	—	—	—
1931 .....	44,775	1,596,900	—	21,500	40,850	—	—	—	—
1932 .....	27,343	1,099,393	—	—	—	—	—	—	—
1933 .....	24,786	857,590	247,900	48,221	70,345	—	—	—	—
1934 .....	116,230	4,490,763	159,400	104,924	171,311	5,130	25,599	—	—
1935 .....	105,374	3,445,730	413,700	366,425	703,536	16,425	32,850	—	—
1936 .....	131,571	5,320,731	605,500	350,857	621,017	35,591	62,997	—	—
1937 .....	139,377	6,752,816	876,540	397,227	687,203	41,490	71,777	—	—
1938 .....	161,326	5,196,794	1,045,458	358,929	622,742	48,237	82,967	—	—
1939 .....	148,902	5,222,589	1,121,553	150,771	266,714	2,940	4,769	—	—
1940 .....	108,488	4,240,362	410,176	179,860	343,533	3,491	5,607	—	—
1941 .....	124,317	4,750,153	925,196	406,930	777,236	11,453	18,394	—	—
1942 .....	258,228	10,898,561	...	495,369	951,108	11,084	17,735	—	—
1943 .....	219,713	8,458,951	...	374,013	654,523	8,600	15,050	—	—
1944 .....	157,523	6,064,635	...	298,592	537,466	10,661	18,657	128	1,690
1945 .....	208,234	8,017,010	...	379,187	728,039	484	929	—	—
1946 .....	121,771	7,672,791	...	521,867	949,798	15,848	24,405	—	—
1947 .....	94,570	5,582,467	...	501,090	937,038	9,194	16,090	—	—
1948 .....	121,404	10,622,850	...	390,894	781,788	11,425	19,994	—	—
1949 .....	153,784	11,603,002	...	318,225	652,361	11,692	21,046	—	—
1950 .....	124,571	10,255,929	...	261,973	633,975	10,075	19,143	—	—
1951 .....	153,483	14,542,515	...	382,603	1,239,633	8,913	16,400	—	—
1952 .....	122,317	10,916,792	...	242,030	786,599	6,035	10,259	—	—
1953 .....	137,545	12,550,981	...	262,346	1,101,854	4,694	8,215	—	—
1954 .....	154,356	12,950,469	26,467,574	323,529	1,617,845	8,171	14,300	—	—
1955 .....	170,494	14,747,732	26,031,604	427,109	3,203,319	9,014	15,770	275	378

1. From 1887 to 1901, placer platinum only; 1907 to 1920, represents largely recovery of platinum metal by the International Nickel Company, in New Jersey, and not necessarily all from Sudbury ores. From 1945 the figures represent the metal content of concentrates produced from nickel-copper ores plus placer platinum. For earlier years the figures refer to refined metals recovered and the contents of concentrates sold. 1945 includes an accumulated revision of previous years.

Tantalum pentoxide in 1954 — 77 pounds valued at \$2,696, 1955 — 390 pounds at \$9,760.

## The Mineral Production of Canada — Continued

Year	Tin		Titanium ore <sup>1</sup>		Tungsten concentrates	
	lb.	\$	tons	\$	lb.	\$
1912	—	—	—	—	28,000	2
1913	—	—	—	—	—	—
1914	—	—	—	—	—	—
1915	—	—	—	—	—	—
1916	—	—	—	—	—	—
1917	—	—	—	—	580	234
1918	—	—	—	—	27,000	11,700
1919	—	—	—	—	—	—
1920	—	—	—	—	—	—
1921	—	—	—	—	—	—
1922	—	—	—	—	—	—
1923	—	—	69	186	—	—
1924	—	—	1,408	3,771	—	—
1925	—	—	3,978	11,934	—	—
1926	—	—	200	600	—	—
1927	—	—	2,029	8,980	—	—
1928	—	—	2,244	6,732	—	—
1929	—	—	2,748	7,359	—	—
1930	—	—	412	1,239	—	—
1931	—	—	1,509	10,261	—	—
1932	—	—	—	—	—	—
1933	—	—	—	—	—	—
1934	—	—	2,023	14,161	—	—
1935	—	—	2,288	16,400	—	—
1936	—	—	2,566	18,318	—	—
1937	—	—	4,229	26,432	—	—
1938	—	—	207	1,449	—	—
1939	—	—	3,694	21,267	8,825	4,917
1940	—	—	4,535	24,510	12,002	7,303
1941	64,744	33,667	12,651	49,110	82,846	38,712
1942	1,237,863	643,689	10,031	50,906	520,981	406,275
1943	776,937	450,623	69,437	308,290	1,508,621	1,083,538
1944	516,626	299,643	33,973	165,195	886,745	245,780
1945	849,983	492,990	14,147	67,575	1,153	1,045
1946	874,186	507,028	1,406	7,735	—	—
1947	714,198	517,794	7,104	36,036	496,023	680,792
1948	691,332	688,567	4,441	21,091	1,046,160	1,046,160
1949	619,117	633,047	540	2,892	252,380	252,380
1950	796,403	828,259	1,253	7,706	284,078	160,343
1951	346,718	494,073	1,674	9,790	2,833	7,098
1952	212,113	253,581	51	459	1,493,111	4,488,237
1953	643,254	581,746	9,294	80,085	2,446,028	5,689,160
1954	333,788	263,359	1,541	9,462	2,170,633	5,795,781
1955	492,781	408,030	1,464	10,634	1,942,770	5,508,437

1. Titaniferous ore included in iron ore prior to 1923.

2. Value not recorded.

## Aluminum Production in Canada from Imported Ores, 1901-1955

Year	Pounds	Year	Pounds	Year	Pounds	Year	Pounds	Year	Pounds
1901	283,737	1912	12,029,046	1923	24,245,766	1934	34,865,362	1945	431,425,942
1902	1,983,252	1913	14,065,028	1924	27,243,004	1935	46,342,747	1946	388,234,533
1903	1,750,599	1914	14,550,959	1925	31,105,293	1936	59,280,250	1947	598,131,787
1904	2,302,178	1915	18,368,524	1926	38,910,914	1937	93,812,965	1948	734,158,498
1905	2,590,329	1916	21,184,791	1927	82,735,938	1938	142,407,743	1949	738,932,778
1906	4,696,949	1917	22,088,067	1928	82,797,804	1939	165,680,869	1950	793,764,232
1907	5,921,299	1918	23,535,689	1929	63,439,528	1940	218,288,565	1951	1,894,190,141
1908	972,146	1919	21,582,264	1930	76,217,209	1941	427,746,554	1952	999,516,229
1909	6,083,695	1920	22,384,702	1931	68,103,008	1942	681,192,951	1953	1,096,890,137
1910	9,647,958	1921	6,335,083	1932	39,585,847	1943	991,499,296	1954	1,115,793,514
1911	9,679,980	1922	12,867,305	1933	35,532,104	1944	924,130,162	1955	1,225,085,097



## Mineral Production of Canada — Continued

Year	Actinolite		Arsenious oxide		Asbestos		Barite		Bituminous sands	
	tons	\$	tons	\$	tons	\$	tons	\$	tons	\$
1886	—	—	120	5,460	3,458	206,251	3,864	19,270	—	—
1887	—	—	30	1,200	4,619	226,976	400	2,400	—	—
1888	—	—	30	1,200	4,404	255,007	1,100	3,850	—	—
1889	—	—	—	—	6,113	426,554	—	—	—	—
1890	—	—	25	1,500	9,860	1,260,240	1,842	7,543	—	—
1891	—	—	20	1,000	9,279	999,878	—	—	—	—
1892	—	—	—	—	6,082	390,462	315	1,260	—	—
1893	—	—	—	—	6,331	310,156	—	—	—	—
1894	—	—	7	420	7,630	420,825	1,081	2,830	—	—
1895	—	—	—	—	8,756	368,175	—	—	—	—
1896	—	—	—	—	12,250	429,856	145	715	—	—
1897	205	1,845	—	—	30,442	445,368	571	3,060	—	—
1898	—	—	—	—	23,785	491,197	1,125	5,533	—	—
1899	—	—	57	4,872	25,536	485,849	720	4,402	—	—
1900	—	—	303	22,725	29,141	748,431	1,337	7,605	—	—
1901	521	3,126	695	41,676	40,217	1,259,759	653	3,842	—	—
1902	550	4,400	800	48,000	40,416	1,148,319	1,096	3,957	—	—
1903	550	3,108	257	15,420	41,677	929,757	1,163	3,931	—	—
1904	—	—	—	—	48,465	1,226,352	1,382	3,702	—	—
1905	—	—	—	—	68,263	1,503,259	3,360	7,500	—	—
1906	—	—	201	14,058	82,185	2,060,143	4,000	12,000	—	—
1907	—	—	986	47,303	90,426	2,505,042	1,344	3,000	—	—
1908	—	—	1,702	58,566	90,773	2,573,335	4,312	19,021	—	—
1909	—	—	1,353	67,446	87,300	2,301,775	179	1,120	—	—
1910	30	330	2,049	81,044	102,215	2,573,603	—	—	—	—
1911	67	736	2,097	76,237	127,414	2,943,108	50	400	—	—
1912	92	1,000	2,045	89,262	136,301	3,137,279	464	5,104	—	—
1913	66	720	1,692	101,463	161,086	3,849,925	641	5,410	—	—
1914	119	1,304	1,737	104,015	117,573	2,909,806	612	6,169	—	—
1915	220	2,420	2,396	147,830	136,842	3,574,985	550	6,875	—	—
1916	250	2,750	2,186	262,349	154,149	5,228,869	1,368	19,393	—	—
1917	120	1,320	2,936	669,431	153,781	7,230,383	3,490	54,027	—	—
1918	228	2,508	3,560	563,639	158,259	8,970,797	640	10,165	—	—
1919	80	880	3,389	509,924	159,236	10,975,369	468	8,154	—	—
1920	100	1,160	2,459	447,848	199,573	14,792,201	751	22,983	—	—
1921	78	975	1,491	233,763	92,761	4,906,230	270	9,567	—	—
1922	50	575	2,576	321,037	163,706	5,552,723	289	9,537	—	—
1923	53	583	3,210	626,815	231,482	7,522,506	409	8,548	—	—
1924	90	1,225	2,311	348,293	225,744	6,710,830	151	3,308	531	2,127
1925	40	500	1,717	130,302	273,524	8,977,546	95	2,259	1,148	4,594
1926	80	1,000	2,537	146,811	279,403	10,099,423	100	2,307	528	2,112
1927	86	1,075	3,114	211,979	274,778	10,621,013	56	1,268	2,706	10,824
1928	70	875	2,716	193,052	273,033	11,238,360	127	2,847	94	374
1929	30	375	2,615	171,320	306,055	13,172,581	105	2,341	989	3,956
1930	34	437	2,261	129,527	242,114	8,390,163	66	1,484	2,067	8,268
1931	35	456	1,787	135,170	164,296	4,812,886	16	363	1,015	4,060
1932	—	—	1,212	98,714	122,977	3,039,721	—	—	343	1,372
1933	—	—	734	56,534	158,367	5,211,177	20	60	466	1,662
1934	30	365	824	56,412	155,980	4,936,326	—	—	862	3,449
1935	—	—	1,279	75,326	210,467	7,054,614	—	—	40	160
1936	—	—	683	42,491	301,287	9,958,183	—	—	—	—
1937	—	—	695	41,032	410,026	14,505,791	—	—	35	142
1938	—	—	1,088	56,538	289,793	12,890,195	—	—	—	—
1939	—	—	871	52,257	364,472	15,859,212	323	3,639	—	—
1940	—	—	1,047	62,798	346,805	15,619,865	338	4,819	1	1
1941	—	—	1,769	153,195	477,846	21,468,840	6,890	74,416	1	1
1942	—	—	7,484	652,041	439,459	22,663,283	19,667	188,144	1	1
1943	—	—	1,577	254,009	467,196	23,169,505	24,474	279,253	1	1
1944	—	—	1,313	180,866	419,265	20,619,516	118,719	1,023,696	1	1
1945	—	—	1,023	130,909	466,897	22,805,157	139,589	1,211,403	1	1
1946	—	—	373	38,264	558,181	25,240,562	120,419	1,006,473	1	1
1947	—	—	394	49,348	661,821	33,005,748	128,675	1,380,753	1	1
1948	—	—	581	82,909	716,769	42,231,475	95,747	1,073,380	—	—
1949	—	—	263	26,332	574,906	39,746,072	47,138	557,662	—	—
1950	—	—	397	52,029	875,344	65,854,568	77,177	750,378	—	—
1951	—	—	1,177	129,435	973,198	81,584,345	98,113	1,131,917	—	—
1952	—	—	854	76,876	929,339	89,254,913	136,002	1,521,162	—	—
1953	—	—	702	56,150	911,226	86,052,895	247,227	2,220,292	—	—
1954	—	—	590	48,333	924,116	86,409,212	221,472	2,003,796	—	—
1955	—	—	786	69,159	1,063,802	96,191,317	253,736	2,277,166	—	—

1. No sands sold as such; production included with crude petroleum.

## The Mineral Production of Canada — Continued

Year	Coal <sup>1</sup>		Petroleum		Natural gas		Peat fuel	
	tons	\$	bbl.	\$	M cu. ft.	\$	tons	\$
1886	2,116,653	3,739,840	584,061	525,655	—	—	—	—
1887	2,429,330	4,388,206	713,728	556,708	—	—	—	—
1888	2,602,552	4,674,140	695,203	713,695	—	—	—	—
1889	2,658,303	4,894,287	704,690	653,600	—	—	—	—
1890	3,084,682	5,676,247	795,030	902,734	—	—	—	—
1891	3,577,749	7,019,425	755,298	1,010,211	—	—	—	—
1892	3,287,745	6,363,757	779,753	984,438	...	150,000	—	—
1893	3,783,499	7,359,080	798,406	874,255	...	376,233	—	—
1894	3,847,070	7,429,468	829,104	835,322	...	313,754	—	—
1895	3,478,344	6,739,153	726,138	1,086,738	...	423,032	—	—
1896	3,745,716	7,226,462	726,822	1,155,647	...	276,301	—	—
1897	3,786,107	7,303,597	709,857	1,011,546	...	325,873	—	—
1898	4,173,108	8,224,288	758,391	1,061,747	...	322,123	—	—
1899	4,925,051	10,283,497	808,570	1,202,020	...	387,271	—	—
1900	5,777,319	13,742,178	710,498	1,151,007	...	417,094	400	1,200
1901	6,486,325	12,699,243	622,392	1,008,275	...	339,476	220	600
1902	7,466,681	15,210,877	530,624	951,190	...	195,992	475	1,663
1903	7,960,364	15,942,833	486,637	1,048,874	...	202,210	1,100	3,300
1904	8,254,595	16,592,231	503,474	935,895	...	328,376	800	2,400
1905	8,667,948	17,520,263	634,095	856,028	...	379,561	80	260
1906	9,762,601	19,732,019	569,753	761,760	...	583,523	474	1,422
1907	10,511,426	24,381,842	788,872	1,057,088	...	815,032	50	200
1908	10,886,311	25,194,573	527,987	747,102	...	1,012,660	60	180
1909	10,501,475	24,781,236	420,755	559,604	...	1,207,029	60	240
1910	12,909,152	30,909,779	315,895	388,550	...	1,346,471	841	2,604
1911	11,323,388	26,467,646	291,092	357,073	...	1,917,678	1,463	3,817
1912	14,512,829	36,019,044	243,336	345,050	...	2,362,700	700	2,900
1913	15,012,178	37,334,940	228,080	406,439	20,477,838	3,309,381	2,600	10,100
1914	13,637,529	33,471,801	214,805	343,124	21,692,504	3,484,727	685	2,470
1915	13,267,023	32,111,182	215,464	300,572	20,124,162	3,706,035	300	1,050
1916	14,483,395	38,817,481	198,123	392,284	25,467,458	3,958,029	300	1,500
1917	14,046,759	43,199,831	213,832	542,239	27,408,940	5,045,298	—	—
1918	14,977,926	55,192,896	304,741	885,143	20,140,309	4,350,940	—	—
1919	13,919,096	55,622,670	240,466	736,324	19,937,769	4,176,037	986	6,561
1920	16,946,764	82,496,538	196,251	822,235	16,845,518	4,232,642	4,550	18,650
1921	15,057,493	72,451,656	187,541	641,533	14,077,601	4,594,164	1,666	6,664
1922	15,157,431	65,518,497	179,068	611,176	14,682,651	5,846,501	3,000	14,500
1923	16,990,571	72,058,986	170,169	522,018	15,960,583	5,884,618	—	—
1924	13,638,197	53,593,988	160,773	467,400	14,881,336	5,708,636	—	—
1925	13,134,968	49,261,951	323,001	1,250,705	16,902,897	6,833,005	1,370	8,394
1926	16,478,131	59,875,094	364,444	1,311,665	19,208,209	7,557,174	—	—
1927	17,426,861	61,867,463	476,591	1,516,043	21,376,791	8,043,010	—	—
1928	17,564,293	63,757,833	624,184	2,035,300	22,582,586	8,614,182	1,497	5,845
1929	17,496,557	63,065,170	1,117,368	3,731,764	28,378,462	9,977,124	2,607	13,339
1930	14,881,324	52,849,748	1,522,220	5,033,820	29,376,919	10,289,985	2,847	10,932
1931	12,243,211	41,207,682	1,542,573	4,211,674	25,874,723	9,026,754	1,674	7,033
1932	11,738,913	37,117,695	1,044,412	3,022,592	23,420,174	8,899,462	3,248	7,593
1933	11,903,344	35,923,962	1,145,333	3,138,791	23,138,103	8,712,234	1,131	3,449
1934	13,810,193	42,045,942	1,410,895	3,449,162	23,162,324	8,759,652	1,878	7,343
1935	13,888,006	41,963,110	1,446,620	3,492,188	24,910,786	9,363,141	1,340	5,761
1936	15,229,182	45,791,934	1,500,374	3,421,767	28,113,348	10,762,243	1,341	7,376
1937	15,835,954	48,752,048	2,943,750	5,399,353	32,380,991	11,674,802	478	2,676
1938	14,294,718	43,982,171	6,966,084	9,230,173	33,444,791	11,587,450	620	3,500
1939	15,692,698	48,676,990	7,826,301	9,846,352	35,185,146	12,507,307	445	2,445
1940	17,566,884	54,675,844	8,590,978	11,160,213	41,232,125	13,000,593	30	75
1941	18,225,921	58,059,630	10,133,838	14,415,096	43,495,353	12,665,113	355	2,155
1942	18,865,030	62,897,581	10,364,796	15,968,851	45,697,359	13,301,655	172	1,204
1943	17,859,057	62,877,549	10,052,302	16,470,417	44,276,216	13,159,418	782	7,000
1944	17,026,499	70,433,169	10,099,404	15,429,900	45,067,158	11,422,541	644	5,397
1945	16,506,713	67,588,402	8,482,796	13,632,248	48,411,585	12,309,564	118	1,062
1946	17,811,747	75,820,159	7,585,555	14,989,052	47,900,484	12,165,050	145	1,305
1947	15,868,866	77,475,017	7,692,492	19,575,682	52,656,567	13,429,558	95	950
1948	18,449,689	106,684,008	12,286,660	37,418,895	58,603,269	15,632,507	85	850
1949	19,120,046	110,915,121	21,305,348	61,118,490	60,457,177	11,620,302 <sup>3</sup>	56	560
1950	19,139,112	110,140,399	29,043,788	84,619,937	67,822,230	6,433,041 <sup>4</sup>	58	580
1951	18,586,823	109,038,835	47,615,534 <sup>2</sup>	116,655,238	79,460,667	7,158,920	50	1,100
1952	17,579,002	111,026,149	61,237,322	143,038,212	88,686,465	9,517,638	32	320
1953	15,900,673	102,721,875	80,809,897	200,582,276	100,985,923	10,877,017	—	—
1954	14,913,579	96,600,266	96,080,345	243,877,030	120,735,214	12,482,109	6	60
1955	14,818,880	93,579,471	129,440,247	305,640,036	150,772,312	15,098,508	—	—

1. For the years 1919 to 1954, the tonnage shown is the total output of all mines; for previous years the tonnage shown includes only sales, colliery consumption and coal used by operators.

2. Natural gasoline excluded; included in years previous to 1951.

3. Western provinces' natural gas valued at well-head.

4. Ontario natural gas valued at wholesale price; Western provinces at well-head.



## The Mineral Production of Canada — Continued

Year	Corundum		Diatomite		Feldspar		Fluorspar		Garnet	
	tons	\$	tons	\$	tons	\$	tons	\$	tons	\$
1886 .....	—	—	—	—	—	—	—	—	—	—
1887 .....	—	—	—	—	—	—	—	—	—	—
1888 .....	—	—	—	—	—	—	—	—	—	—
1889 .....	—	—	—	—	—	—	—	—	—	—
1890 .....	—	—	—	—	700	3,500	—	—	—	—
1891 .....	—	—	—	—	685	3,425	—	—	—	—
1892 .....	—	—	—	—	175	525	—	—	—	—
1893 .....	—	—	—	—	575	4,525	—	—	—	—
1894 .....	—	—	—	—	—	—	—	—	—	—
1895 .....	—	—	—	—	1,018	2,545	—	—	—	—
1896 .....	—	—	644	9,960	972	2,583	—	—	—	—
1897 .....	—	—	15	150	1,400	3,290	—	—	—	—
1898 .....	—	—	1,017	16,660	2,500	6,250	—	—	—	—
1899 .....	—	—	1,000	15,000	3,000	6,000	—	—	—	—
1900 .....	3	300	336	1,950	318	1,112	—	—	—	—
1901 .....	387	46,415	850	15,300	5,350	10,700	—	—	—	—
1902 .....	768	84,465	1,052	16,470	7,576	15,152	—	—	—	—
1903 .....	703	77,510	835	16,700	13,928	18,966	—	—	—	—
1904 .....	993	109,545	320	6,400	11,083	22,166	—	—	—	—
1905 .....	1,644	149,153	300	3,600	11,700	23,400	12	84	—	—
1906 .....	2,274	204,973	—	—	16,948	40,890	—	—	—	—
1907 .....	1,892	177,922	30	225	12,584	29,819	—	—	—	—
1908 .....	1,089	100,398	30	195	7,877	21,099	—	—	—	—
1909 .....	1,491	162,492	—	—	12,783	40,383	—	—	—	—
1910 .....	1,870	198,680	22	134	15,809	47,667	2	15	—	—
1911 .....	1,472	161,873	20	122	17,723	51,939	34	238	—	—
1912 .....	1,960	239,091	38	230	13,733	30,916	40	240	—	—
1913 .....	1,177	137,036	620	12,138	16,790	60,795	—	—	—	—
1914 .....	548	72,176	650	13,000	18,060	70,824	—	—	—	—
1915 .....	262	33,138	317	12,119	14,559	57,801	—	—	—	—
1916 .....	67	10,307	620	12,139	19,488	71,407	1,284	10,238	—	—
1917 .....	188	32,153	600	18,000	19,462	89,826	4,249	68,756	—	—
1918 .....	137	26,112	500	12,500	18,782	112,728	7,362	156,019	—	—
1919 .....	—	—	565	11,300	14,679	86,231	5,063	97,837	—	—
1920 .....	196	24,547	260	8,600	37,873	280,895	11,235	240,446	—	—
1921 .....	403	55,965	341	11,268	29,868	230,754	5,519	136,267	—	—
1922 .....	—	—	219	5,781	27,727	248,402	4,503	102,138	—	—
1923 .....	—	—	130	3,250	29,225	237,601	139	1,732	1,250	100,000
1924 .....	—	—	33	838	44,804	358,540	76	1,343	360	7,200
1925 .....	—	—	—	—	28,681	235,789	3,886	19,234	—	—
1926 .....	—	—	—	—	35,951	310,238	—	—	—	—
1927 .....	—	—	266	6,650	29,849	259,151	—	—	2	150
1928 .....	—	—	368	8,960	31,897	284,942	—	—	—	—
1929 .....	—	—	429	10,330	37,527	340,471	17,870	268,120	—	—
1930 .....	—	—	554	13,247	26,796	268,469	80	1,240	—	—
1931 .....	—	—	1,610	32,789	18,343	186,961	40	620	—	—
1932 .....	—	—	1,496	29,509	7,047	81,982	32	464	—	—
1933 .....	—	—	1,789	36,648	10,658	105,117	73	1,064	—	—
1934 .....	—	—	1,372	54,910	18,302	147,281	150	2,100	—	—
1935 .....	—	—	823	33,140	17,742	144,330	75	900	—	—
1936 .....	—	—	615	13,650	17,846	154,475	75	900	—	—
1937 .....	—	—	643	18,606	21,346	178,222	150	2,550	—	—
1938 .....	—	—	398	13,842	14,058	129,293	217	3,906	—	—
1939 .....	—	—	301	10,388	12,500	112,309	240	4,995	—	—
1940 .....	—	—	248	7,957	21,455	187,623	4,454	59,317	—	—
1941 .....	—	—	344	9,935	26,040	244,284	5,534	97,767	16 <sup>1</sup>	160
1942 .....	—	—	365	9,088	22,270	213,941	6,199	146,039	17 <sup>1</sup>	176
1943 .....	—	—	98	3,331	23,858	237,771	11,210	318,424	—	—
1944 .....	173	17,111	13	437	23,509	227,632	6,924	217,701	3	90
1945 .....	1,317	130,393	46	1,238	30,246	282,656	7,369	233,708	—	—
1946 .....	742	102,340	90	2,532	35,243	384,677	8,042	237,491	2	1,200
1947 .....	—	—	103	2,677	36,104	381,360	7,186	209,886	1	300
1948 .....	—	—	46	1,487	54,851	564,437	11,340	344,834	2	200
1949 .....	—	—	60	1,703	36,948	428,502	64,477	1,592,908	—	—
1950 .....	—	—	49	1,665	35,548	428,401	64,213	1,553,004	3	240
1951 .....	—	—	92	3,148	40,749	551,097	74,211	2,189,875	—	—
1952 .....	—	—	28	1,074	20,267	330,635	82,187	2,523,408	—	—
1953 .....	—	—	103	12,150	21,246	347,164	88,569	2,670,585	—	—
1954 .....	—	—	4	192	16,096	301,049	118,969	2,987,026	—	—
1955 .....	—	—	16	352	18,152	355,879	128,114	2,708,437	—	—

1. Garnet schist.



## MINERAL STATISTICS

## The Mineral Production of Canada — Continued

Year	Graphite		Grindstones		Gypsum		Iron oxides		Magnesitic dolomite	
	tons	\$	tons	\$	tons	\$	tons	\$	tons	\$
1886.....	500	4,000	4,020	46,545	162,000	178,742	350	2,350	—	—
1887.....	300	2,400	5,292	64,008	154,008	157,277	485	3,733	—	—
1888.....	150	1,200	5,764	51,129	175,887	179,393	397	7,900	—	—
1889.....	242	3,160	3,404	30,863	213,273	205,108	794	15,280	—	—
1890.....	175	5,200	4,884	42,340	226,509	194,033	275	5,125	—	—
1891.....	260	1,560	4,479	42,587	203,605	206,251	900	17,750	—	—
1892.....	167	3,763	5,122	49,836	241,048	241,127	390	5,800	—	—
1893.....	—	—	4,480	36,979	192,568	196,150	1,070	17,700	—	—
1894.....	5	400	3,667	31,217	223,631	202,031	611	8,690	—	—
1895.....	220	6,150	3,395	30,652	226,178	202,608	1,339	14,600	—	—
1896.....	789	22,455	3,563	31,960	207,032	178,061	2,362	16,045	—	—
1897.....	436	16,240	4,472	40,740	239,691	244,531	3,905	23,560	—	—
1898.....	660	13,698	4,735	40,590	219,256	232,515	2,226	17,450	—	—
1899.....	1,310	24,179	4,112	35,265	244,566	257,329	3,919	20,000	—	—
1900.....	1,922	31,040	5,179	47,290	252,101	259,009	1,966	15,398	—	—
1901.....	2,210	38,780	4,034	37,275	293,799	340,148	2,233	16,735	—	—
1902.....	1,095	28,300	4,383	40,018	333,599	379,479	4,955	30,495	—	—
1903.....	728	23,745	5,423	46,462	314,489	388,459	6,266	32,760	—	—
1904.....	452	11,760	4,509	40,822	345,961	373,474	3,925	24,995	—	—
1905.....	541	16,735	5,460	59,900	442,158	536,168	5,105	34,675	—	—
1906.....	387	18,300	5,305	58,314	469,022	634,294	6,758	36,125	—	—
1907.....	579	16,000	5,384	58,876	485,921	646,914	5,828	35,570	—	—
1908.....	251	5,565	3,658	42,053	340,964	575,701	4,746	30,440	120	840
1909.....	864	47,800	4,002	46,374	473,129	809,632	3,940	28,093	330	2,508
1910.....	1,392	74,087	3,787	41,496	525,246	934,446	4,813	35,185	323	2,160
1911.....	1,269	69,576	4,332	46,832	518,383	993,394	3,622	28,333	991	5,531
1912.....	2,060	117,122	4,204	46,460	578,458	1,324,620	7,654	32,410	1,714	9,645
1913.....	2,162	90,282	4,008	45,300	636,370	1,447,739	5,987	41,774	515	3,335
1914.....	1,647	107,203	3,783	48,847	516,880	1,156,207	5,890	51,725	358	2,240
1915.....	2,635	124,223	2,279	31,967	474,815	854,929	6,248	48,353	14,779	126,584
1916.....	3,955	325,362	3,232	49,975	342,915	738,593	8,811	58,711	55,413	563,829
1917.....	3,714	402,892	2,169	38,702	336,332	881,984	9,409	67,605	58,090	728,275
1918.....	3,114	248,870	2,806	70,745	152,287	823,006	17,317	112,440	39,365	1,016,765
1919.....	1,360	100,221	1,931	56,344	299,063	1,215,287	11,862	113,427	11,273	328,465
1920.....	2,190	165,617	2,262	74,119	429,144	1,893,991	19,128	157,909	18,378	512,756
1921.....	937	65,862	1,064	40,637	386,550	1,785,538	9,048	93,610	3,730	81,320
1922.....	597	31,353	837	30,292	559,265	2,160,898	7,285	110,608	2,849	76,294
1923.....	1,113	67,873	1,717	51,483	578,301	2,243,100	10,424	129,636	4,801	134,382
1924.....	1,334	76,117	2,031	69,111	646,016	2,208,108	7,266	91,160	3,873	101,356
1925.....	2,569	158,763	1,735	61,784	740,323	2,389,891	7,118	91,913	5,576	122,325
1926.....	2,727	194,860	1,513	58,986	883,728	2,770,813	6,626	101,843	4,571	137,431
1927.....	1,829	111,656	1,317	47,475	1,063,117	3,251,015	6,125	103,536	7,337	230,309
1928.....	1,097	57,041	1,250	45,901	1,246,368	3,743,648	5,414	111,198	13,195	346,990
1929.....	1,461	103,174	1,038	37,401	1,211,689	3,345,696	6,518	115,932	18,809	491,170
1930.....	1,535	96,392	235	9,874	1,070,968	2,818,788	6,596	83,873	13,336	336,162
1931.....	548	32,149	198	8,164	863,752	2,111,517	5,520	49,205	11,411	295,579
1932.....	346	18,483	200	9,336	438,629	1,080,379	5,240	46,161	1	262,860
1933.....	405	18,367	161	7,079	382,736	675,822	4,357	53,450	1	360,128
1934.....	1,518	71,424	353	14,543	461,237	863,776	4,959	66,166	1	382,927
1935.....	1,782	79,781	373	14,501	541,864	932,203	5,516	77,075	1	486,084
1936.....	...	88,812	360	15,352	833,822	1,278,971	5,854	69,630	1	768,742
1937.....	...	125,343	251	12,407	1,047,187	1,540,483	6,197	83,640	1	677,207
1938.....	...	41,590	285	12,790	1,008,799	1,502,265	5,821	71,769	1	420,261
1939.....	...	61,684	284	12,190	1,421,934	1,935,127	6,015	88,418	1	474,418
1940.....	...	94,038	290	11,858	1,448,788	2,065,933	9,979	111,874	1	897,016
1941.....	...	132,924	170	8,500	1,593,406	2,248,428	10,045	142,069	1	831,041
1942.....	...	117,904	200	8,000	566,166	1,254,182	9,304	151,653	1	1,059,374 <sup>2</sup>
1943.....	1,903	197,431	162	6,000	446,848	1,381,468	8,401	135,893	1	1,260,056
1944.....	1,582	171,166	225	12,000	596,164	1,511,978	8,599	150,250	1	1,139,281
1945.....	1,910	179,001	225	10,870	839,781	1,783,290	10,314	172,053	1	1,278,596
1946.....	1,975	180,405	295	17,450	1,810,937	3,671,503	12,695	152,268	1	1,225,593
1947.....	2,398	207,364	335	21,475	2,496,984	4,734,853	13,418	158,322	1	1,167,484
1948.....	2,539	239,931	220	20,100	3,216,809	5,548,245	13,181	203,391	...	1,587,709
1949.....	2,147	212,496	195	12,450	3,014,249	5,423,690	13,625	207,887	...	1,536,200
1950.....	3,586	390,815	100	10,000	3,666,336	6,707,506	13,696	262,632	...	1,717,879
1951.....	1,569	231,167	60	6,000	3,802,692	5,880,853	13,342	262,277	...	2,148,940
1952.....	2,040	255,732	42	5,720	3,590,783	6,538,074	11,487	194,922	...	2,161,472
1953.....	3,466	366,528	15	900	3,841,457	7,399,884	10,308	195,801	...	2,016,640
1954.....	2,463	254,534	—	—	3,950,422	7,094,671	5,798	183,507	...	1,909,163
1955.....	—	—	10	1,500	4,667,901	8,037,153	7,702	162,512	...	2,151,820

1. Quantity not published since 1931.

2. Includes value of brucite granules from 1942 onwards.

Lithia: 1954 — 17,052 pounds valued at \$6,300.

1955 — 162,512 pounds valued at \$114,376.

## The Mineral Production of Canada — Continued

Year	Magnesium sulphate		Manganese bog		Mica		Mineral waters		Natro-alunite	
	tons	\$	tons	\$	tons	\$	Imp. gal.	\$	tons	\$
1886	—	—	—	—	...	29,008	—	—	—	—
1887	—	—	—	—	...	29,816	—	—	—	—
1888	—	—	—	—	...	15	30,207	124,850	11,456	—
1889	—	—	—	—	...	28,718	424,600	37,360	—	—
1890	—	—	—	—	...	68,074	561,165	66,031	—	—
1891	—	—	—	—	...	71,510	427,485	54,268	—	—
1892	—	—	—	—	...	104,745	640,380	75,348	—	—
1893	—	—	—	—	...	75,719	725,096	108,347	—	—
1894	—	—	—	—	...	45,581	767,460	110,040	—	—
1895	—	—	—	—	...	65,000	739,382	126,048	—	—
1896	—	—	—	—	...	60,000	706,372	111,736	—	—
1897	—	—	—	—	...	76,000	749,691	141,477	—	—
1898	—	—	—	—	...	118,375	555,000	100,000	—	—
1899	—	—	—	—	...	163,000	...	100,000	—	—
1900	—	—	—	—	...	166,000	...	75,000	—	—
1901	—	—	—	—	...	160,000	...	100,000	—	—
1902	—	—	—	—	1,059	135,904	...	100,000	—	—
1903	—	—	—	—	...	177,857	...	100,000	—	—
1904	—	—	—	—	...	160,777	...	100,000	—	—
1905	—	—	—	—	...	178,235	...	100,000	—	—
1906	—	—	—	—	574	303,913	...	100,000	—	—
1907	—	—	—	—	774	312,599	...	136,020	—	—
1908	—	—	—	—	436	139,871	...	151,953	—	—
1909	—	—	—	—	369	147,782	...	175,173	—	—
1910	—	—	—	—	758	190,385	...	199,563	—	—
1911	—	—	—	—	590	128,677	...	223,758	—	—
1912	—	—	—	—	580	143,976	...	172,465	—	—
1913	—	—	—	—	1,104	194,304	...	173,677	—	—
1914	—	—	—	—	595	109,061	...	134,111	—	—
1915	—	—	—	—	417	91,905	...	115,274	—	—
1916	—	—	—	—	1,208	255,239	...	127,806	—	—
1917	929	4,645	—	—	1,166	358,851	...	145,814	—	—
1918	1,949	14,565	—	—	747	271,550	...	154,468	—	—
1919	738	9,115	—	—	2,754	273,788	...	71,015	—	—
1920	1,947	39,886	—	—	2,203	376,022	...	24,582	—	—
1921	2,029	39,506	—	—	702	70,063	328,723	21,716	30	1,500
1922	1,021	24,017	—	—	3,349	152,263	221,433	14,220	50	2,500
1923	121	6,580	—	—	3,525	326,974	232,451	16,455	15	750
1924	—	—	—	—	4,091	357,272	209,353	15,421	—	—
1925	—	—	—	—	4,020	261,463	190,134	28,413	20	1,000
1926	—	—	—	—	2,545	229,204	215,356	29,721	—	—
1927	—	—	—	—	2,738	174,377	303,530	14,624	7	248
1928	—	—	385	2,237	3,660	87,168	269,045	33,498	—	—
1929	—	—	301	1,830	4,053	118,549	321,905	16,139	—	—
1930	—	—	275	1,650	1,170	96,004	227,141	24,481	—	—
1931	—	—	77	462	1,339	54,066	217,408	13,234	—	—
1932	—	—	—	—	309	6,828	76,714	7,170	—	—
1933	120	3,360	—	—	944	49,284	38,818	5,441	—	—
1934	42	1,100	—	—	998	97,071	97,440	17,738	—	—
1935	340	7,965	—	—	628	82,038	146,516	16,590	—	—
1936	654	13,712	—	—	801	74,556	154,286	18,516	—	—
1937	727	14,456	—	—	945	133,731	225,019	20,586	—	—
1938	470	9,400	—	—	518	80,989	188,309	21,619	—	—
1939	550	9,900	—	—	1,068	147,321	123,679	19,105	—	—
1940	—	—	—	—	975	237,145	140,663	20,892	—	—
1941	265	7,343	—	—	1,743	335,288	181,064	72,531	—	—
1942	1,140	38,760	—	—	3,010	383,567	157,085	74,505	—	—
1943	—	—	—	—	4,025	553,856	139,611	67,541	—	—
1944	—	—	—	—	3,342	841,026	156,150	79,031	—	—
1945	—	—	—	—	3,522	233,270	244,761	126,499	—	—
1946	—	—	—	—	4,360	199,039	217,842	122,404	—	—
1947	—	—	—	—	4,159	200,903	198,952	117,440	—	—
1948	—	—	—	—	3,951	219,948	192,539	110,259	—	—
1949	—	—	—	—	1,745	108,458	306,691	146,240	—	—
1950	—	—	—	—	1,940	252,611	318,829	158,897	—	—
1951	—	—	—	—	2,481	447,650	325,300	146,971	—	—
1952	—	—	—	—	1,007	194,106	311,495	166,033	—	—
1953	—	—	—	—	1,133	161,128	309,585	165,484	—	—
1954	—	—	—	—	853	85,139	284,078	148,057	—	—
1955	—	—	—	—	820	77,541	306,683	160,510	—	—

## The Mineral Production of Canada — Continued

Year	Nepheline syenite		Peat moss		Phosphate		Pulpstones		Quartz <sup>3</sup>	
	tons	\$	tons	\$	tons	\$	tons	\$	tons	\$
1886	—	—	—	—	20,495	304,338	—	—	—	—
1887	—	—	—	—	23,690	319,815	—	—	—	—
1888	—	—	—	—	22,485	242,285	—	—	—	—
1889	—	—	—	—	30,988	316,662	—	—	—	—
1890	—	—	—	—	31,753	361,045	—	—	200	1,000
1891	—	—	—	—	23,588	241,603	—	—	—	—
1892	—	—	—	—	11,932	157,424	60	900	—	—
1893	—	—	—	—	7,890	61,962	120	1,400	100	500
1894	—	—	—	—	6,861	41,166	90	1,500	—	—
1895	—	—	—	—	1,822	9,565	80	1,280	—	—
1896	—	—	—	—	570	3,420	60	900	10	50
1897	—	—	—	—	908	3,984	100	1,600	—	—
1898	—	—	—	—	733	3,665	200	3,200	284	570
1899	—	—	—	—	3,000	18,000	375	7,000	600	1,260
1900	—	—	—	—	1,415	7,105	360	6,160	—	—
1901	—	—	—	—	1,033	6,280	547	8,415	—	—
1902	—	—	—	—	856	4,953	250	4,100	—	—
1903	—	—	—	—	1,329	8,214	115	1,840	—	—
1904	—	—	—	—	817	4,590	140	1,960	—	—
1905	—	—	—	—	1,300	8,425	68	1,875	—	—
1906	—	—	—	—	850	6,375	40	600	48,376	65,765
1907	—	—	—	—	824	6,018	—	—	56,585	124,148
1908	—	—	—	—	1,596	14,794	158	4,725	44,741	52,830
1909	—	—	—	—	998	8,054	240	6,640	56,924	71,285
1910	—	—	—	—	1,478	12,578	125	3,700	88,205	91,951
1911	—	—	—	—	621	5,206	160	3,960	60,526	83,865
1912	—	—	—	—	164	1,640	125	4,000	100,242	195,216
1913	—	—	—	—	385	3,643	100	3,400	78,261	169,842
1914	—	—	—	—	954	7,275	40	4,000	54,148	84,583
1915	—	—	—	—	217	2,502	—	—	127,108	205,153
1916	—	—	—	—	203	2,514	—	—	136,745	251,226
1917	—	—	—	—	149	1,486	47	2,750	216,288	496,182
1918	—	—	—	—	140	1,200	180	8,400	268,155	629,813
1919	—	—	—	—	24	331	14	420	94,991	527,635
1920	—	—	—	—	—	—	125	10,000	128,295	467,821
1921	—	—	—	—	30	450	200	22,000	100,350	312,947
1922	—	—	—	—	190	1,796	150	12,000	109,947	208,598
1923	—	—	—	—	30	600	260	25,100	264,076	599,250
1924	—	—	—	—	—	—	624	58,113	150,896	323,156
1925	—	—	—	—	16	189	781	57,781	197,224	363,612
1926	—	—	—	—	40	800	1,155	89,541	232,082	553,161
1927	—	—	—	—	151	1,717	911	75,242	233,984	496,364
1928	—	—	—	—	641	8,276	581	52,659	282,522	523,933
1929	—	—	—	—	1,185	5,380	754	62,336	265,949	561,527
1930	—	—	—	—	40	760	573	49,897	226,200	418,127
1931	—	—	—	—	—	—	342	27,305	195,724	303,158
1932	—	—	—	—	1,316	12,333	60	3,500	189,132	276,147
1933	—	—	—	—	2,214	5,475	214	9,870	185,783	297,820
1934	—	—	—	—	81	683	523	27,225	272,563	482,265
1935	—	—	—	—	186	1,103	288	14,109	233,002	424,882
1936	...	37,426	—	—	525	4,927	87	4,500	1,046,649	597,781
1937	...	121,481	—	—	100	900	87	4,875	1,377,448	1,129,011
1938	...	142,737	—	—	208	1,886	—	—	1,380,011	961,617
1939	...	140,148	—	—	157	1,712	—	—	1,582,935	1,100,214
1940	...	117,849	1	1	358	4,039	—	—	1,858,335	1,203,692 <sup>4</sup>
1941	...	227,583	27,803	644,253	2,487	33,376	—	—	2,052,878	1,366,187
1942	42,206	246,893	53,506	1,069,372	1,264	17,431	—	—	1,738,174	1,538,162
1943	49,901	292,010	64,360	1,461,422	1,451	18,385	—	—	1,776,749	1,608,448
1944	47,625	217,989	80,446 <sup>2</sup>	1,869,553	482	6,716	—	—	1,740,262	1,658,409
1945	61,345	275,766	83,963	2,011,139	299	4,356	—	—	1,513,628	1,535,458
1946	61,261	229,198	96,839	2,395,649	57	869	—	—	1,413,378	1,554,798
1947	66,995	341,635	80,019	2,279,821	—	—	—	—	1,836,428	1,796,612
1948	74,386	506,462	89,800	2,767,878	—	—	—	—	2,017,262	2,082,573
1949	78,783	623,002	80,249	2,376,849	20	291	—	—	1,722,476	1,588,531
1950	65,638	842,886	75,195	2,256,870	129	1,069	—	—	1,730,695	1,740,268
1951	81,108	1,114,943	76,809	2,433,008	—	—	—	—	1,904,885	2,258,468
1952	82,681	1,111,950	74,899	2,443,765	6	94	—	—	1,783,081	2,253,500
1953	113,345	1,576,271	81,654	2,643,019	—	—	—	—	1,785,574	2,070,617
1954	123,669	1,770,528	99,272	3,018,622	—	—	—	—	1,716,151	1,574,893
1955	146,068	2,099,512	117,579	3,485,287	—	—	—	—	1,869,913	2,039,575

1. Prior to 1941 in survey of manufactures.

2. Includes some duplication resulting from resale of moss purchased from other producers.

3. Commencing in 1936, includes low-grade fluxing sand.

4. Includes 33 tons grinding pebbles valued at \$165, from Saskatchewan.

Perlite in 1953 — 1,112 tons valued at \$11,120.



## The Mineral Production of Canada — Continued

Year	Salt		Sharpening stones		Silica brick		Sodium carbonate		Sodium sulphate	
	tons	\$	tons	\$	M	\$	tons	\$	tons	\$
1886	62,359	227,195	—	—	—	—	—	—	—	—
1887	60,173	166,394	—	—	—	—	—	—	—	—
1888	59,070	185,460	—	—	—	—	—	—	—	—
1889	32,832	129,547	—	—	—	—	—	—	—	—
1890	43,754	198,857	—	—	—	—	—	—	—	—
1891	45,021	161,179	—	—	—	—	—	—	—	—
1892	45,486	162,041	—	—	—	—	—	—	—	—
1893	62,324	195,926	—	—	—	—	—	—	—	—
1894	57,199	170,687	—	—	—	—	—	—	—	—
1895	52,376	160,455	—	—	—	—	—	—	—	—
1896	43,960	169,693	—	—	—	—	—	—	—	—
1897	51,348	225,730	—	—	—	—	—	—	—	—
1898	57,142	248,639	33	985	—	—	—	—	—	—
1899	59,339	254,390	24	1,000	—	—	—	—	—	—
1900	62,055	279,458	—	—	—	—	—	—	—	—
1901	59,428	262,328	—	—	—	—	—	—	—	—
1902	64,456	292,581	—	—	—	—	—	—	—	—
1903	62,452	297,517	—	—	—	—	—	—	—	—
1904	69,477	321,778	—	—	—	—	—	—	—	—
1905	67,340	320,858	12	600	—	—	—	—	—	—
1906	76,720	329,130	18	900	—	—	—	—	—	—
1907	72,697	342,315	30	1,500	—	—	—	—	—	—
1908	79,975	378,798	27	1,350	—	—	—	—	—	—
1909	84,037	415,219	33	1,650	—	—	—	—	—	—
1910	84,092	409,624	36	1,800	—	—	—	—	—	—
1911	91,582	443,004	54	2,000	—	—	—	—	—	—
1912	95,053	459,582	38	1,300	—	—	—	—	—	—
1913	100,791	491,280	74	2,425	—	—	—	—	—	—
1914	107,038	493,648	115	1,254	—	—	—	—	—	—
1915	119,900	600,226	281	3,615	—	—	—	—	—	—
1916	132,903	717,653	224	2,614	—	—	—	—	—	—
1917	138,909	1,047,792	307	4,302	—	—	—	—	—	—
1918	131,727	1,285,039	56	3,500	—	—	—	—	—	—
1919	148,301	1,397,929	45	3,392	—	—	—	—	—	—
1920	209,855	1,544,724	56	3,987	—	—	—	—	811	19,496
1921	164,658	1,673,685	17	1,430	—	—	197	14,775	623	18,850
1922	181,794	1,628,323	18	1,450	—	—	202	3,027	504	11,980
1923	202,397	1,713,516	35	3,500	—	—	265	3,975	733	10,189
1924	207,979	1,374,780	36	3,600	—	—	510	5,173	1,083	6,004
1925	233,746	1,410,697	46	4,600	—	—	1,120	8,140	3,876	19,380
1926	262,547	1,480,149	27	2,700	2,665	130,702	595	5,370	6,775	13,550
1927	268,672	1,614,667	23	2,300	1,791	79,527	805	9,995	5,659	11,319
1928	299,445	1,495,971	24	2,400	3,224	155,502	519	4,922	6,016	68,804
1929	330,264	1,578,086	155	6,617	3,951	173,581	600	8,100	5,018	64,112
1930	271,695	1,694,631	22	2,250	2,418	97,379	364	4,550	31,571	293,847
1931	259,047	1,904,149	81	2,634	900	35,746	712	7,351	44,957	421,097
1932	263,543	1,947,551	68	2,899	93	4,304	495	5,450	22,466	271,736
1933	280,115	1,939,874	123	4,970	636	23,185	559	5,773	50,080	485,416
1934	321,753	1,954,953	111	4,710	2,528	85,945	244	1,920	66,821	587,986
1935	360,343	1,880,978	47	5,400	2,461	96,194	242	2,430	44,817	343,764
1936	391,316	1,773,144	122	4,872	2,393	97,285	192	1,677	75,598	552,681
1937	458,957	1,799,465	74	4,147	3,774	181,126	286	2,574	79,884	618,028
1938	440,045	1,912,913	21	3,408	1,788	100,403	252	2,268	63,009	553,307
1939	424,500	2,486,632	20	3,088	2,493	124,807	300	2,400	71,485	628,151
1940	464,714	2,823,269	18	2,520	3,438	182,786	220	1,760	94,260	829,589
1941	560,845	3,196,165	18	3,000	4,111	238,433	186	1,488	115,608	931,554
1942	653,672	3,844,187	16	2,000	4,273	263,006	256	2,048	131,258	1,079,692
1943	687,686	4,379,378	2	225	4,165	295,505	468	5,148	107,121	1,025,151
1944	695,217	4,074,021	—	—	3,997	312,092	44	484	102,421	987,842
1945	673,076	4,054,720	—	—	4,208	317,263	286	3,146	93,068	884,322
1946	537,985	3,626,165	—	—	2,902	197,804	—	—	105,919	1,117,683
1947	728,545	4,436,930	—	—	3,094	193,998	163	1,793	163,290	1,793,043
1948	741,261	4,836,028	—	—	3,464	393,821	—	—	153,698	2,136,276
1949	749,015	5,569,725	—	—	3,663	453,797	47	513	120,259	1,614,731
1950	858,896	7,011,306	—	—	3,126	408,813	—	—	130,730	1,615,867
1951	964,525	7,905,977	—	—	3,510	465,229	—	—	192,371	2,383,770
1952	971,903	7,774,815	—	—	3,544	606,394	—	—	122,590	1,708,807
1953	954,928	6,974,501	—	—	3,720	712,271	—	—	115,565	1,681,258
1954	969,887	8,340,163	—	—	3,578	465,157	—	—	158,417	2,385,573
1955	1,244,761	10,122,299	—	—	4,763	602,625	—	—	178,888	2,799,715

## The Mineral Production of Canada — Continued

Year	Sulphur <sup>1</sup>		Talc and soapstone		Titanium dioxide		Volcanic dust		Strontium minerals	
	tons	\$	tons	\$	tons	\$	tons	\$	tons	\$
1886	17,162	193,077	50	400	—	—	—	—	—	—
1887	15,217	171,194	100	800	—	—	—	—	—	—
1888	25,392	285,656	140	280	—	—	—	—	—	—
1889	28,890	307,292	195	1,170	—	—	—	—	—	—
1890	19,691	123,067	917	1,230	—	—	—	—	—	—
1891	25,542	203,193	—	—	—	—	—	—	—	—
1892	26,000	179,310	1,374	6,240	—	—	—	—	—	—
1893	22,245	175,626	717	1,920	—	—	—	—	—	—
1894	16,616	121,581	916	1,640	—	—	—	—	—	—
1895	14,021	102,594	475	2,138	—	—	—	—	—	—
1896	13,823	101,155	410	1,230	—	—	—	—	—	—
1897	15,953	116,730	157	350	—	—	—	—	—	—
1898	13,209	128,872	405	1,000	—	—	—	—	—	—
1899	11,352	110,748	450	1,960	—	—	—	—	—	—
1900	16,413	155,164	1,420	6,365	—	—	—	—	—	—
1901	14,457	130,544	259	842	—	—	—	—	—	—
1902	14,603	138,939	689	1,804	—	—	—	—	—	—
1903	13,933	127,713	990	2,739	—	—	—	—	—	—
1904	15,244	134,033	840	1,875	—	—	—	—	—	—
1905	13,669	125,486	500	1,800	—	—	—	—	—	—
1906	17,525	169,990	1,234	3,030	—	—	—	—	—	—
1907	18,960	212,491	1,534	4,602	—	—	—	—	—	—
1908	19,408	224,824	1,016	3,048	—	—	—	—	—	—
1909	26,504	222,812	4,350	10,300	—	—	—	—	—	—
1910	22,087	187,064	7,112	22,308	—	—	—	—	—	—
1911	33,893	365,820	7,300	22,100	—	—	—	—	—	—
1912	33,426	314,081	8,270	23,132	—	—	—	—	—	—
1913	65,012	521,181	12,250	45,980	—	—	—	—	—	—
1914	93,609	744,508	10,808	40,418	—	—	—	—	—	—
1915	116,157	985,190	11,885	40,554	—	—	—	—	—	—
1916	116,975	1,084,095	13,104	49,423	—	—	—	—	—	—
1917	155,453	1,610,762	15,803	76,539	—	—	—	—	—	—
1918	154,269	1,705,219	18,169	119,197	—	—	—	—	—	—
1919	65,674	522,704	18,642	116,295	—	—	—	—	48	336
1920	67,608	719,110	21,671	166,934	—	—	—	—	75	2,675
1921	12,213	116,326	10,124	144,565	—	—	—	—	—	—
1922	6,900	74,303	13,195	188,458	—	—	—	—	—	—
1923	11,073	113,020	10,366	150,507	—	—	—	—	—	—
1924	9,742	95,620	11,332	154,480	—	—	245	1,103	—	—
1925	7,587	58,899	14,474	205,835	—	—	160	1,380	—	—
1926	8,975	63,899	15,767	217,195	—	—	90	630	—	—
1927	25,229	198,388	16,521	236,105	—	—	105	735	—	—
1928	38,589	321,033	16,058	219,358	—	—	485	9,795	—	—
1929	42,781	350,843	16,698	229,198	—	—	300	6,000	—	—
1930	37,730	314,835	27,247	186,216	—	—	242	4,840	—	—
1931	50,107	429,457	21,916	157,083	—	—	128	2,560	—	—
1932	53,172	470,014	13,275	159,038	—	—	180	3,600	—	—
1933	57,373	510,299	16,829	190,836	—	—	118	2,360	—	—
1934	51,537	515,502	15,532	180,777	—	—	31	620	—	—
1935	67,446	634,235	15,301	171,532	—	—	—	—	—	—
1936	122,132	1,033,055	16,587	177,270	—	—	—	—	—	—
1937	130,913	1,154,992	15,939	163,814	—	—	—	—	—	—
1938	112,395	1,044,817	13,814	144,848	—	—	—	—	—	—
1939	211,278	1,668,025	18,241	170,066	—	—	—	—	—	—
1940	170,630	1,298,018	23,791	229,639	—	—	—	—	—	—
1941	260,023	1,702,786	34,632	360,809	—	—	—	—	27	280
1942	303,714	1,994,891	29,868	310,824	—	—	—	—	—	—
1943	257,515	1,753,425	26,163	266,685	—	—	50	257	—	—
1944	248,088	1,755,739	32,597	357,249	—	—	—	—	—	—
1945	250,114	1,881,321	27,088	294,888	—	—	—	—	—	—
1946	234,771	1,784,666	29,353	303,684	—	—	—	—	—	—
1947	221,781	1,822,867	26,709	266,377	—	—	—	—	—	—
1948	229,463	1,836,358	28,780	309,823	—	—	—	—	—	—
1949	261,871	2,039,384	26,922	320,793	—	—	—	—	—	—
1950	301,172	2,189,660	32,604	364,635	1,596	149,565	—	—	—	—
1951	371,790	3,120,785	24,846	283,624	14,123	738,577	—	—	—	—
1952	423,788	3,851,183	25,032	280,612	30,805	1,238,103	—	—	—	—
1953	358,850	3,172,698	27,408	285,755	100,527	4,206,496	—	—	—	—
1954	532,406	4,875,969	28,143	335,353	88,408	3,841,270	—	—	—	—
1955	628,443	5,984,953	27,160	338,967	117,042	5,192,810	—	—	—	—

1. Sulphur content of pyrite shipped; 1886-1890, sulphur content assumed to be 40%; 1891-1910, sulphur calculated at 41%. Since 1927 figures include sulphur in pyrite shipped plus sulphur recovered from smelter gases.



## The Mineral Production of Canada - Continued

Year	Clay products	Cement		Lime		Sand and gravel	
	\$	bbl.	\$	tons	\$	tons	\$
1886	1,126,057	—	—	...	283,755	124,865	24,226
1887	1,398,907	69,843	81,909	...	394,859	180,860	30,307
1888	1,494,673	50,668	35,593	...	339,951	260,929	38,398
1889	1,652,334	90,474	69,790	...	362,848	283,044	52,647
1890	2,041,101	102,216	92,405	...	412,308	342,158	65,518
1891	1,802,932	93,479	108,561	...	251,215	243,724	59,501
1892	2,177,968	117,408	147,663	...	411,270	297,878	85,329
1893	2,619,590	158,597	194,015	...	900,000	329,116	121,795
1894	2,560,236	108,142	144,637	...	900,000	324,656	86,940
1895	2,487,248	128,294	173,675	...	700,000	277,162	118,359
1896	2,227,962	149,090	201,651	...	650,000	224,769	80,110
1897	2,325,903	205,213	275,273	...	650,000	152,963	76,729
1898	2,690,974	250,209	397,580	...	650,000	165,954	90,498
1899	2,988,099	396,753	633,291	...	800,000	242,450	101,640
1900	3,195,105	417,552	662,910	...	800,000	197,558	101,666
1901	3,382,706	450,394	660,030	...	830,000	197,302	117,465
1902	3,625,489	722,525	1,127,550	...	892,000	159,793	119,120
1903	4,034,289	719,993	1,225,247	...	900,000	355,792	124,006
1904	3,841,560	967,172	1,338,239	...	780,000	399,809	189,803
1905	4,709,842	1,360,732	1,924,014	...	750,000	306,935	152,805
1906	5,072,635	2,128,374	3,170,859	183,064	1,009,177	336,550	139,172
1907	5,772,117	2,441,868	3,781,371	166,436	974,595	298,095	119,853
1908	4,500,702	2,666,333	3,709,954	126,051	712,947	298,954	161,387
1909	6,450,840	4,067,709	5,345,802	195,752	1,132,756	481,584	256,166
1910	7,629,956	4,753,975	6,412,215	204,685	1,137,079	624,824	407,974
1911	8,359,933	5,692,915	7,644,937	263,673	1,517,599	573,494	408,110
1912	10,575,869	7,132,732	9,106,556	296,654	1,844,849	...	1,512,099
1913	9,504,314	8,658,805	11,019,418	264,547	1,609,398	...	2,258,874
1914	6,871,957	7,172,480	9,187,924	246,000	1,360,628	...	2,505,310
1915	3,914,488	5,681,032	6,977,024	176,654	1,015,702	...	1,624,767
1916	4,120,805	5,369,560	6,547,728	192,246	1,091,463	8,156,207	1,838,320
1917	4,779,038	4,768,488	7,724,246	229,651	1,558,487	9,182,417	2,326,249
1918	4,583,489	3,591,481	7,076,503	222,738	1,876,025	11,262,282	2,367,018
1919	7,906,366	4,995,257	9,802,433	250,163	2,310,607	10,364,481	2,680,460
1920	10,664,929	6,651,980	14,798,070	329,957	3,818,553	11,530,795	4,201,067
1921	8,857,818	5,752,885	14,195,143	240,767	2,781,197	11,574,862	2,537,249
1922	11,438,456	6,943,972	15,438,481	314,054	3,165,005	11,666,374	3,502,935
1923	10,483,016	7,543,589	15,064,661	351,236	3,266,608	12,752,515	3,016,518
1924	9,215,077	7,498,624	13,398,411	319,793	3,178,541	11,603,500	3,181,083
1925	9,529,691	8,116,597	14,046,704	358,979	3,387,652	11,018,647	3,220,410
1926	10,357,323	8,707,021	13,013,283	413,901	3,781,484	17,112,798	4,941,434
1927	11,173,189	10,065,865	14,391,937	444,753	3,923,388	22,952,819	6,055,601
1928	12,381,718	11,023,928	16,739,163	508,889	4,534,568	28,102,917	5,809,431
1929	13,904,643	12,284,061	19,337,235	674,087	5,908,610	27,846,945	7,317,814
1930	10,593,578	11,032,538	17,713,067	490,802	4,038,698	28,547,511	8,344,913
1931	7,841,288	10,161,658	15,826,243	344,785	2,764,415	21,748,586	6,651,165
1932	3,650,218	4,498,721	6,930,721	320,650	2,394,537	14,469,942	4,480,596
1933	2,262,835	3,007,432	4,536,935	323,540	2,432,306	11,738,823	4,464,285
1934	2,680,410	3,783,226	5,667,946	368,113	2,745,797	14,854,159	4,035,477
1935	3,012,563	3,648,086	5,580,043	405,419	2,925,791	21,213,489	6,389,440
1936	3,471,027	4,508,718	6,908,192	468,401	3,335,970	22,124,160	6,921,399
1937	4,516,859	6,168,971	9,095,867	549,353	3,824,917	27,001,301	10,492,696
1938	4,536,084	5,519,102	8,241,350	486,922	3,542,652	32,223,882	12,002,554
1939	5,151,236	5,731,264	8,511,211	552,209	4,003,514	31,294,341	11,241,102
1940	6,344,547	7,559,648	11,775,345	716,730	5,194,555	31,375,415	11,759,245
1941	7,575,336	8,368,711	13,063,588	860,885	6,357,941	31,604,806	10,375,723
1942	7,081,723	9,126,041	14,365,237	884,830	6,530,839	26,349,907	9,005,414
1943	6,608,193	7,302,289	11,599,033	907,768	6,832,992	25,744,469	9,005,857
1944	6,996,425	7,190,851	11,621,372	885,142	6,926,844	28,399,986	10,280,119
1945	8,913,092	8,471,679	14,246,480	832,253	6,525,038	29,750,703	10,568,363
1946	12,207,367	11,560,483	20,122,503	840,799	7,074,940	39,949,994	15,529,700
1947	14,486,189	11,936,245	21,968,909	977,413	8,542,507	56,789,569	23,114,431
1948	17,629,048	14,127,123	28,264,987	1,053,584	10,655,062	68,670,863	30,629,596
1949	17,981,709	15,916,564	32,901,936	1,018,823	11,309,820	63,356,308	31,181,541
1950	21,790,888	16,741,826	35,894,124	1,124,188	12,281,084	73,095,163	36,434,759
1951	23,527,656	17,007,812	40,446,288	1,241,041	14,082,520	92,972,821	44,627,559
1952	24,961,528	18,520,538	48,059,470	1,175,786	13,613,221	102,895,545	51,339,043
1953	29,777,731	22,238,335	58,842,022	1,228,760	14,484,013	101,033,949	53,485,401
1954	32,360,098	22,437,477	59,035,644	1,214,839	14,742,149	110,961,034	57,987,671
1955	35,259,770	25,168,464	65,650,025	1,331,118	15,810,904	127,524,474	67,775,053



## MINERAL STATISTICS

## The Mineral Production of Canada — Concluded

Year	Limestone <sup>1</sup>		Sandstone		Granite		Marble		Slate	
	tons	\$	tons	\$	tons	\$	tons	\$	tons	\$
		\$								
1886		650,384			6,062	63,309	501	9,900	5,345	64,675
1887		581,367			21,217	142,506	242	6,224	7,357	89,000
1888		664,825			21,352	147,305	191	3,100	5,314	90,689
1889		937,000			10,197	79,624	83	980	6,935	119,160
1890		984,787			13,307	65,985	780	10,776	6,368	100,250
1891		723,004			13,637	70,056	240	1,752	5,000	65,000
1892		633,188			24,302	89,326	340	3,600	5,180	69,070
1893		1,131,006			22,521	94,393	590	5,100	7,112	90,825
1894		1,269,645			16,392	109,936	—	—	...	75,550
1895		1,136,603			19,238	84,838	200	2,000	...	58,900
1896		1,042,850			18,717	106,709	224	2,405	...	53,370
1897		1,037,448			10,345	61,934	—	—	...	42,800
1898		1,335,403			23,897	81,073	—	—	...	40,791
1899		1,551,886			13,418	90,542	—	—	...	33,406
1900		1,564,582			...	80,000	—	—	...	12,100
1901		1,837,737			...	155,000	—	—	715	9,980
1902		2,127,055			...	210,000	—	—	...	19,200
1903		2,230,939			...	200,000	—	—	5,510	22,040
1904		2,114,315			...	150,000	—	—	5,277	23,247
1905		2,072,758			...	226,305	—	—	...	21,568
1906		2,084,056			...	278,419	—	—	...	24,446
1907		1,832,550			151,136	194,712	—	—	4,335	20,056
1908		1,681,293			...	282,320	...	125,000	2,950	13,496
1909	...	2,139,691	...	374,179	...	454,824	...	158,441	4,000	19,000
1910	...	2,249,576	...	502,148	...	739,516	...	158,779	3,959	18,492
1911	...	2,594,926	...	451,183	...	1,119,865	...	162,783	1,833	8,248
1912	...	2,762,936	...	329,352	...	1,373,119	...	260,764	1,894	8,939
1913	...	3,204,091	...	396,782	...	1,653,791	...	249,975	1,432	6,444
1914	...	2,672,781	...	487,140	...	2,176,602	...	132,533	1,075	4,837
1915	...	2,312,081	...	249,336	...	1,525,553	...	158,027	397	2,039
1916	...	2,224,091	...	146,244	...	1,247,267	...	118,810	1,262	6,223
1917	...	2,283,659	...	261,256	...	639,412	...	55,820	1,422	7,789
1918	...	2,342,403	...	102,750	...	590,871	...	550	933	5,124
1919	...	3,074,815	...	86,577	...	850,563	...	213,982	1,632	10,853
1920	...	5,665,693	...	165,149	...	1,508,916	...	240,593	...	14,200
1921	3,322,024	5,155,046	28,426	78,036	319,398	937,894	1,650	172,720	...	22,325
1922	3,152,124	4,175,941	25,221	80,908	457,925	1,486,250	1,912	231,894	1,899	14,871
1923	3,687,663	4,475,921	22,766	66,547	398,432	1,159,303	2,473	201,518	1,836	17,289
1924	4,249,061	4,831,684	94,603	240,273	419,971	1,013,345	4,379	322,455	—	—
1925	4,643,853	5,049,563	87,502	145,757	971,718	2,014,535	3,046	254,922	—	—
1926	5,283,745	5,657,328	44,127	112,347	1,064,423	1,574,627	5,295	521,572	—	—
1927	6,438,379	7,145,917	132,799	232,793	730,009	1,383,557	5,209	503,037	—	—
1928	6,949,420	7,267,437	100,951	223,236	1,195,810	2,366,946	7,753	414,682	—	—
1929	7,720,840	8,172,681	159,407	398,974	1,728,165	3,080,815	14,012	414,062	—	—
1930	7,732,675	8,075,616	384,610	769,060	1,851,132	3,379,951	26,089	809,582	150	3,000
1931	6,262,430	6,305,538	924,101	1,332,883	1,190,887	2,763,050	20,442	668,713	250	5,000
1932	3,687,241	3,227,715	500,480	349,458	490,822	1,110,582	12,379	250,706	250	3,750
1933	2,572,911	2,142,516	99,043	108,562	256,723	679,585	10,897	65,913	250	3,750
1934	3,747,779	3,157,832	115,169	143,283	200,285	781,739	13,783	69,475	738	4,802
1935	3,631,665	3,253,573	342,824	838,005	326,354	1,126,287	15,975	85,369	1,129	4,329
1936	3,731,548	3,143,872	285,508	495,856	941,743	1,319,313	22,866	169,698	1,247	5,414
1937	5,542,806	4,673,942	235,165	343,871	1,135,099	1,827,433	21,642	88,595	900	5,519
1938	4,288,507	3,864,619	101,854	218,405	705,307	1,379,417	19,375	87,274	979	6,311
1939	4,149,589	3,817,551	176,265	331,830	1,102,395	2,119,501	14,124	200,054	1,149	6,760
1940	6,108,591	5,126,075	176,475	305,543	1,147,747	1,884,410	13,739	75,409	1,113	7,522
1941	7,151,049	6,057,727	169,885	305,528	600,922	1,498,786	17,649	126,081	1,296	12,562
1942	6,442,583	6,468,525	153,865	226,810	1,366,425	1,946,249	13,824	88,209	1,369	16,801
1943	6,265,181	6,105,749	164,163	250,603	780,422	1,522,072	11,848	68,022	1,336	17,733
1944	5,565,286	5,528,459	146,766	223,453	269,964	1,303,790	11,829	85,374	1,147	18,101
1945	5,677,192	6,284,379	291,430	466,397	221,630	1,284,748	13,388	113,337	1,915	17,839
1946	7,217,600	8,178,513	495,777	778,213	319,354	2,006,297	21,796	201,817	1,733	20,871
1947	9,497,754	11,966,520	792,900	975,394	551,527	3,175,364	45,574	326,605	1,633	20,866
1948	10,003,142	12,523,275	577,887	1,065,829	1,042,928	3,779,436	68,347	528,529	4,339	51,484
1949	10,951,312	13,876,845	596,989	1,014,084	2,321,017	5,110,024	52,152	446,905	6,569	80,215
1950	12,267,432	15,964,617	3,685,070	4,418,059	2,071,052	4,971,144	55,179	436,502	8,331	105,035
1951	15,531,948	20,901,704	1,124,551	1,173,665	1,950,564	6,014,121	63,982	492,820	5,661	67,458
1952	15,957,799	22,319,143	219,424	649,322	2,490,086	7,327,022	57,637	524,783	1,250	15,076
1953	17,461,720	23,783,230	974,104	685,965	1,350,917	5,554,530	59,655	546,991	2,621	32,335
1954	18,829,748	25,144,026	830,478	823,563	12,834,727	13,041,999	57,748	633,702	2,322	30,883
1955	24,107,571	32,322,313	622,792	873,021	5,618,940	9,666,592	63,335	633,531	1,640	33,208

1. Exclusive of limestone used in making cement and lime in Canada.

Shale: 1954 — 212,902 tons valued at \$182,961.

1955 — 98,642 tons valued at \$208,022.

## Annual Values of the Mineral Production, by Provinces, since 1899

Year	Newfoundland	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba
	\$	\$	\$	\$	\$	\$
1899	—	6,817,274	420,227	2,585,635	9,819,557	Included with Saskatchewan and Alberta
1900	—	9,298,479	439,060	3,292,383	11,258,099	
1901	—	7,770,159	467,985	3,759,984	13,970,010	
1902	—	10,686,549	607,129	3,743,636	14,619,091	
1903	—	11,431,914	580,495	3,585,938	14,160,033	
1904	—	11,212,746	559,913	3,688,482	12,582,843	
1905	—	11,507,047	559,035	4,405,975	18,833,292	
1906	—	12,894,303	646,328	5,242,058	25,111,682	
1907	—	14,532,040	664,467	6,205,553	30,381,638	
1908	—	14,487,108	579,816	6,372,949	30,623,812	
1909	—	12,504,810	657,035	7,086,265	37,374,577	898,775
1910	—	14,195,730	581,942	8,270,136	43,538,078	584,374
1911	—	15,409,397	612,830	9,304,717	42,796,162	1,193,377
1912	—	18,922,236	771,004	11,656,998	51,985,876	1,500,359
1913	—	19,376,183	1,102,613	13,475,534	59,167,749	1,791,772
1914	—	17,584,639	1,014,570	11,836,929	53,034,677	2,463,074
1915	—	18,088,342	903,467	11,619,275	61,071,287	2,214,496
1916	—	20,042,262	1,118,187	14,406,598	80,461,323	2,413,489
1917	—	21,104,542	1,435,024	17,400,077	89,066,600	1,318,387
1918	—	22,317,108	2,144,017	19,005,347	94,694,093	1,823,576
1919	—	23,445,215	1,770,945	21,267,947	67,917,998	2,628,264
1920	—	34,130,017	2,491,787	28,886,214	81,715,808	3,120,600
1921	—	28,912,111	1,901,505	15,157,094	57,356,651	2,868,378
1922	—	25,923,499	2,263,692	17,647,939	65,866,029	4,223,461
1923	—	29,648,893	2,462,457	20,308,763	80,825,851	1,934,117
1924	—	23,820,352	1,969,260	19,136,504	86,398,656	2,258,942
1925	—	17,625,612	1,743,858	24,284,527	87,980,436	1,768,037
1926	—	28,873,792	1,811,104	25,956,193	84,702,296	1,534,249
1927	—	30,111,221	2,148,535	28,870,403	89,982,962	2,276,759
1928	—	30,524,392	2,198,919	37,037,420	99,584,718	3,073,528
1929	—	30,904,453	2,439,072	46,358,285	117,662,505	2,888,912
1930	—	27,019,367	2,383,571	41,215,220	113,530,976	4,186,853
1931	—	21,081,157	2,176,910	35,964,537	97,975,915	5,423,825
1932	—	16,201,279	2,223,505	25,638,466	85,910,030	5,453,182
1933	—	16,966,183	2,107,682	28,141,482	110,205,021	10,057,808
1934	—	23,310,729	2,156,151	31,269,945	145,565,871	9,058,365
1935	—	23,183,128	2,821,027	39,124,696	158,934,269	9,026,951
1936	—	26,672,278	2,587,791	49,736,919	184,532,892	9,776,934
1937	—	30,314,188	2,763,643	65,160,215	230,042,517	12,052,417
1938	—	26,253,645	3,802,565	68,965,594	219,801,994	11,315,527
1939	—	30,746,200	3,949,433	77,335,998	232,519,948	15,751,645
1940	—	33,318,587	3,435,916	86,313,491	261,483,349	17,173,002
1941	—	32,569,867	3,690,375	99,651,044	267,435,727	17,137,930
1942	—	32,783,165	3,609,158	104,300,010	259,114,946	17,828,522
1943	—	29,979,837	3,676,834	101,610,678	232,948,959	16,689,867
1944	—	33,981,977	4,133,902	90,182,902	210,706,307	14,345,046
1945	—	32,220,659	4,182,100	91,518,120	216,541,856	13,412,266
1946	—	35,350,271	4,813,166	92,785,148	191,544,429	13,830,406
1947	—	34,255,560	5,812,943	115,151,635	249,797,671	14,429,423
1948	—	56,400,245	7,003,285	152,038,867	294,239,673	16,403,549
1949	27,583,615	56,092,830	7,134,009	165,021,513	323,368,644	18,236,763
1950	25,824,047	59,482,173	12,756,975	220,176,517	366,801,525	26,081,349
1951	32,410,443	59,727,256	9,564,617	255,530,071	444,667,203	23,839,638
1952	32,512,313	64,552,383	11,298,960	270,483,962	444,669,412	32,691,173
1953	33,780,622	67,364,408	11,663,618	251,881,781	465,877,093	30,045,992
1954	42,898,033	73,450,898	12,468,322	278,818,070	496,747,571	25,105,045
1955	68,462,956	67,133,539	15,759,744	357,010,045	583,954,682	25,264,112
	Saskatchewan	Alberta	British Columbia	Northwest Territories <sup>1</sup>	Yukon	
	\$	\$	\$	\$	\$	
1899	17,108,707	Included with Manitoba and Saskatchewan	12,482,605	—	Included with Manitoba, Saskatchewan and Alberta	
1900	23,452,330		16,680,526	—		
1901	19,297,940		20,531,833	—		
1902	16,127,400		17,448,031	—		
1903	14,082,986		17,899,147	—		
1904	12,713,613		19,325,174	—		
1905	11,387,642		22,386,008	—		
1906	10,092,726		25,299,600	—		
1907	533,251		25,656,056	—		3,335,898
1908	413,212		5,122,505	23,704,035		—
1909	456,246	6,047,447	22,479,006	—	4,032,678	
1910	498,122	8,996,210	24,478,572	—	4,764,474	
1911	636,706	6,662,673	21,299,305	—	4,707,432	
1912	1,165,642	12,073,589	30,076,635	—	5,933,242	
1913	881,142	15,054,046	28,086,312	—	6,276,737	
1914	712,313	12,684,234	24,164,039	—	5,418,185	
1915	451,933	9,909,347	28,689,425	—	5,057,708	
1916	590,473	13,297,543	39,969,962	—	5,491,610	
1917	860,651	16,527,535	36,141,926	—	4,482,202	
1918	1,019,781	23,109,987	42,935,333	—	2,355,631	
1919	1,521,964	21,087,582	34,865,427	—	1,940,934	



## Annual Values of the Mineral Production, by Provinces, since 1899 — Concluded

Year	Saskatchewan	Alberta	British Columbia	Northwest Territories <sup>1</sup>	Yukon
	\$	\$	\$	\$	\$
1920	1,837,468	33,586,456	39,411,728	—	1,576,726
1921	1,114,220	30,562,229	33,230,460	—	1,754,955
1922	1,255,470	27,872,136	39,423,962	—	1,785,573
1923	1,047,583	31,287,536	43,757,388	—	2,972,823
1924	1,128,100	22,344,940	52,298,533	—	952,812
1925	1,076,392	25,318,866	64,485,242	—	1,791,641
1926	1,193,394	26,977,027	65,622,976	—	2,226,813
1927	1,455,225	29,309,223	60,801,170	—	1,789,044
1928	1,719,461	32,531,416	64,496,351	—	2,709,957
1929	2,253,506	34,739,986	68,162,878	—	2,905,736
1930	2,368,612	30,427,742	54,953,320	—	2,521,588
1931	1,931,880	23,580,901	35,480,701	—	2,184,917
1932	1,681,728	21,174,061	27,326,173	21,423	1,993,195
1933	2,477,425	19,702,953	30,794,504	279,729	2,041,223
1934	2,977,061	20,228,851	41,206,965	199,604	1,628,879
1935	3,816,943	22,289,681	48,692,050	541,638	1,302,308
1936	6,970,397	23,305,726	54,407,036	775,834	2,220,372
1937	10,271,463	25,597,117	73,555,798	994,518	3,784,528
1938	7,782,847	28,966,272	64,549,130	1,614,076	3,959,570
1939	8,794,090	30,691,617	65,216,745	3,248,777	4,961,321
1940	11,505,858	35,092,337	74,134,485	2,594,157	4,118,333
1941	15,020,555	41,364,385	76,841,180	3,860,298	3,117,992
1942	20,578,749	47,359,831	77,247,932	3,976,267	3,453,568
1943	26,735,984	48,941,210	68,442,386	2,679,993	1,625,819
1944	22,291,848	51,066,662	57,246,071	1,440,069	939,319
1945	22,336,074	51,753,237	64,063,842	470,812	1,239,058
1946	24,480,900	60,082,513	74,622,846	1,039,525	1,693,904
1947	32,594,016	67,432,270	116,772,621	2,720,988	2,095,508
1948	34,517,208	93,211,229	148,223,614	4,267,485	4,265,910
1949	36,054,536	113,728,425	136,385,911	6,801,729	5,099,176
1950	35,983,923	135,758,940	138,888,205	8,050,899	9,035,696
1951	51,032,953	168,144,211	176,278,932	8,288,747	9,793,170
1952	49,506,094	196,811,654	170,071,244	8,944,635	11,386,451
1953	48,081,970	248,863,295	158,487,812	10,300,230	14,738,562
1954	68,216,009	279,042,735	158,630,867	26,414,000	16,588,664
1955	85,150,128	325,974,326	189,524,574	25,597,821	14,724,750

1. Values of pitchblende products not included, 1942-1953.

## The Mineral Production of Newfoundland

Year	Clay products		Cement		Copper		Fluorspar		Gold	
	\$	barrels	\$		pounds	\$	tons	\$	ounces	\$
1949 .....	25,450	—	—		7,233,952	1,444,837	58,077	1,405,033	9,269	333,684
1950 .....	31,089	—	—		8,442,825	1,508,910	55,595	1,290,361	9,254	352,115
1951 .....	32,183	—	—		5,798,674	1,606,233	67,925	1,966,477	8,515	313,778
1952 .....	29,285	126,100	529,750		5,918,288	1,689,079	81,283	2,484,943	8,595	294,551
1953 .....	39,500	395,834	1,345,073		5,627,461	1,684,862	87,693	2,631,698	7,654	263,451
1954 .....	33,042	403,515	1,330,018		6,961,165	2,029,876	118,065	2,946,896	6,528	222,409
1955 .....	49,338	468,030	1,492,990		6,103,516	2,250,672	127,384	2,678,641	6,337	218,753
	Gypsum		Iron ore		Lead		Lime		Sand and gravel	
	tons	\$	tons	\$	pounds	\$	tons	\$	tons	\$
1949 .....	—	—	1,657,888	7,947,914	37,216,398	5,880,191	466	22,460	1,416,202	999,598
1950 .....	—	—	1,169,545	5,851,488	35,836,124	5,178,320	396	20,436	1,619,389	780,315
1951 .....	—	—	1,724,991	9,145,960	32,888,189	6,051,427	436	17,533	1,483,951	648,346
1952 .....	8,660	54,881	1,653,878	8,668,192	36,118,414	5,847,571	436	19,952	1,654,471	936,013
1953 .....	26,531	117,208	2,686,481	14,201,842	35,403,172	4,576,214	160	6,942	1,908,187	1,023,622
1954 .....	26,653	124,385	3,758,526	21,749,304	37,052,168	4,939,054	—	—	2,105,522	1,096,883
1955 .....	46,459	175,829	7,206,883	45,701,801	35,709,911	5,135,085	—	—	3,142,226	1,660,984
	Silver		Stone				Zinc			
			Granite		Limestone		Sandstone			
	ounces	\$	tons	\$	tons	\$	tons	\$	pounds	\$
1949 .....	585,026	434,382	20,040	40,080	372,223	595,895	—	—	63,818,908	8,454,091
1950 .....	575,524	465,138	—	—	443,336	734,599	—	—	61,077,614	9,558,647
1951 .....	534,519	505,388	3,546	13,135	462,894	779,184	—	—	56,938,689	11,330,799
1952 .....	638,524	533,295	20,150	32,725	455,554	735,601	—	—	61,033,650	10,656,475
1953 .....	648,389	544,712	—	—	391,617	647,349	16	120	56,003,584	6,698,029
1954 .....	742,120	617,867	1,896	14,220	357,454	605,254	—	—	60,004,968	7,188,595
1955 .....	701,792	618,840	628	4,710	333,354	590,945	—	—	57,272,050	7,817,635

Pyrophyllite produced in 1954 — 9 tons valued at \$230; in 1955 — 7 tons valued at \$120.  
 Sulphur in pyrite valued at \$66,613 in 1955.



## The Mineral Production of Nova Scotia

Year	Antimony		Arsenic		Barite		Clay products	Coal	
	pounds	\$	pounds	\$	tons	\$	\$	tons	\$
1886	—	—	—	—	—	—	43,746	1,698,018	2,653,152
1887	—	—	—	—	—	—	56,995	1,858,596	2,904,057
1888	—	—	—	—	—	—	—	1,942,231	3,034,735
1889	—	—	—	—	—	—	60,520	1,918,827	2,998,167
1890	—	—	—	—	—	—	54,755	2,181,033	3,407,864
1891	—	—	—	—	—	—	93,611	2,267,919	3,543,624
1892	—	—	—	—	—	—	3	2,159,389	3,374,046
1893	—	—	—	—	—	—	3	2,444,924	3,820,194
1894	—	—	—	—	—	—	—	2,527,982	3,949,970
1895	—	—	—	—	—	—	3	2,225,145	3,476,790
1896	—	—	—	—	145	715	3	2,508,579	3,919,655
1897	—	—	—	—	571	3,060	3	2,493,554	3,896,179
1898	—	—	—	—	—	—	173,280 <sup>4</sup>	2,563,180	4,004,970
1899	—	—	—	—	—	—	110,695 <sup>4</sup>	3,148,822	5,622,898
1900	—	—	—	—	—	—	108,210 <sup>4</sup>	3,623,536	8,088,250
1901	—	—	—	—	653	3,842	103,695 <sup>4</sup>	4,158,068	6,496,982
1902	—	—	—	—	1,096	3,957	152,025 <sup>4</sup>	5,161,316	9,216,636
1903	—	—	—	—	1,163	3,931	150,100 <sup>4</sup>	5,653,338	10,095,246
1904	—	—	—	—	1,382	3,702	157,762 <sup>4</sup>	5,596,241	9,993,288
1905	—	—	—	—	3,360	7,500	90,146 <sup>4</sup>	5,646,583	10,083,184
1906	—	—	—	—	4,000	12,000	160,506	6,220,505	11,108,044
1907	—	—	—	—	1,344	3,000	125,560	6,354,133	12,764,999
1908	—	—	—	—	4,312	19,021	117,833	6,652,539	13,364,476
1909	—	—	—	—	179	1,120	188,185	5,652,089	11,354,643
1910	—	—	—	—	—	—	204,782	6,431,142	12,919,705
1911	—	—	—	—	50	400	274,249	7,004,420	14,071,379
1912	—	—	—	—	464	5,104	272,053	7,783,888	17,374,750
1913	—	—	—	—	641	6,410	332,272	7,980,073	17,812,663
1914	—	—	—	—	612	6,169	266,204	7,370,924	16,452,955
1915	2,576,000 <sup>1</sup>	77,300	—	—	550	6,875	221,881	7,463,370	16,659,308
1916	—	—	—	—	1,368	19,393	238,470	6,912,140	18,514,662
1917	—	—	—	—	3,490	54,027	331,542	6,327,091	19,410,737
1918	—	—	—	—	580	9,145	303,515	5,818,562	21,095,470
1919	—	—	—	—	468	8,154	432,900	5,720,373	22,078,726
1920	—	—	—	—	751	22,983	541,114	6,429,291	32,238,129
1921	—	—	—	—	270	9,567	361,761	5,734,928	27,782,050
1922	—	—	—	—	289	9,537	431,618	5,569,072	24,629,921
1923	—	—	45,000	2,250	209	4,368	413,974	6,597,838	28,170,458
1924	—	—	381,092	15,244	151	3,308	359,288 <sup>4</sup>	5,557,441	22,280,554
1925	—	—	—	—	95	2,259	425,710 <sup>4</sup>	3,842,978	15,826,680
1926	—	—	—	—	100	2,307	362,667	6,747,477	26,845,226
1927	—	—	35,000	700	56	1,268	7,071,876	27,194,671	—
1928	—	—	—	—	127	2,847	496,577	6,743,504	27,427,556
1929	—	—	—	—	105	2,341	653,157	7,056,133	28,071,956
1930	—	—	—	—	66	1,484	495,333	6,252,552	24,528,860
1931	—	—	—	—	16	363	467,126	4,955,563	19,016,720
1932	—	—	—	—	—	—	172,557	4,084,581	15,167,793
1933	—	—	—	—	—	—	125,500	4,557,590	15,969,793
1934	—	—	—	—	—	—	157,158	6,341,625	21,860,093
1935	—	—	—	—	—	—	270,478	5,822,075	20,391,227
1936	—	—	—	—	—	—	355,254	6,649,102	22,973,281
1937	48,163 <sup>2</sup>	7,394	—	—	—	—	406,846	7,256,954	25,640,819
1938	24,560 <sup>2</sup>	2,200	—	—	—	—	340,253	6,236,417	22,523,802
1939	1,200 <sup>2</sup>	148	—	—	—	—	339,952	7,051,176	25,611,271
1940	—	—	—	—	25	162	490,543	7,848,921	28,766,195
1941	—	—	—	—	6,561	72,468	529,435	7,387,762	28,446,204
1942	—	—	—	—	17,750	172,060	618,441	7,204,852	29,116,118
1943	—	—	—	—	22,550	263,419	478,571	6,103,085	27,121,861
1944	—	—	—	—	106,106	970,774	402,694	5,745,671	30,728,535
1945	—	—	—	—	108,434	1,165,623	433,455	5,112,615	28,350,278
1946	—	—	—	—	117,691	987,473	671,166	5,452,898	30,573,883
1947	—	—	—	—	125,760	1,353,705	752,126	4,118,196	27,175,251
1948	—	—	—	—	94,068	1,056,590	1,031,685	6,430,991	47,874,509
1949	—	—	—	—	45,824	544,517	1,053,845	6,181,779	47,997,725
1950	—	—	—	—	75,737	733,094	1,126,969	6,478,405	50,256,367
1951	—	—	—	—	96,865	1,115,693	1,202,428	6,307,629	49,113,932
1952	—	—	—	—	135,154	1,507,754	1,221,893	5,905,265	51,227,678
1953	—	—	—	—	244,349	2,167,447	1,234,319	5,787,026	51,997,545
1954	—	—	—	—	216,416	1,888,459	1,082,896	5,842,896	51,938,299
1955	—	—	—	—	244,271	2,038,341	1,196,968	5,731,026	49,852,554

1. Ore.

2. Metal content of ore.

3. No production recorded or production not available by provinces.

4. Includes Prince Edward Island production.

## MINERAL STATISTICS

## The Mineral Production of Nova Scotia — Continued

Year	Copper		Diatomite		Fluorspar		Gold		Grindstones	
	pounds	\$	tons	\$	tons	\$	fine oz.	\$	tons	\$
1886	—	—	—	—	—	—	22,038	455,564	1,765	24,050
1887	—	—	—	—	—	—	20,009	413,631	1,710	25,020
1888	—	—	—	—	—	—	21,137	436,939	1,971	20,400
1889	—	—	—	—	—	—	24,673	510,029	712	7,128
1890	—	—	—	—	—	—	22,978	474,990	850	8,536
1891	—	—	—	—	—	—	21,841	451,503	1,980	19,800
1892	—	—	—	—	—	—	18,865	389,965	2,462	27,610
1893	—	—	—	—	—	—	18,436	381,095	2,112	21,000
1894	—	—	—	—	—	—	18,834	389,338	2,128	16,000
1895	—	—	—	—	—	—	21,919	453,119	1,400	14,000
1896	—	—	644	9,960	—	—	23,876	493,568	1,450	14,500
1897	—	—	15	150	—	—	27,195	562,165	1,407	17,500
1898	—	—	1,017	16,660	—	—	26,054	538,590	1,422	12,350
1899	—	—	1,000	15,000	—	—	29,876	617,604	1,378	10,300
1900	—	—	336	1,950	—	—	28,955	598,553	1,411	12,600
1901	—	—	850	15,300	—	—	26,459	546,963	358	3,200
1902	—	—	1,052	16,470	—	—	30,348	627,357	1,074	8,118
1903	—	—	835	16,700	—	—	25,533	527,806	1,337	9,562
1904	—	—	320	6,400	—	—	10,362	214,209	1,029	7,332
1905	—	—	300	3,600	—	—	13,707	283,353	1,020	10,200
1906	—	—	—	—	—	—	12,223	252,676	1,023	9,680
1907	—	—	30	225	—	—	13,675	282,686	551	4,480
1908	—	—	30	195	—	—	11,842	244,799	473	4,803
1909	—	—	—	—	—	—	10,193	210,711	312	3,204
1910	—	—	22	134	—	—	7,928	163,891	3,586	43,700
1911	—	—	20	122	—	—	7,781	160,854	380	3,382
1912	—	—	38	230	—	—	4,385	90,638	374	3,760
1913	—	—	620	12,138	—	—	2,174	44,935	350	4,900
1914	—	—	650	13,000	—	—	2,904	60,031	350	5,270
1915	—	—	317	12,119	—	—	6,636	137,180	285	5,300
1916	—	—	620	12,139	—	—	4,562	94,305	273	5,800
1917	—	—	600	18,000	—	—	2,210	45,685	375	9,875
1918	—	—	500	12,500	—	—	1,176	24,310	256	8,000
1919	—	—	565	11,300	—	—	850	17,571	283	9,000
1920	—	—	260	8,600	—	—	690	14,263	211	8,440
1921	—	—	341	11,268	—	—	418	8,641	183	6,990
1922	—	—	219	5,781	—	—	1,128	21,598	102	3,692
1923	—	—	130	3,250	—	—	680	13,556	256	7,906
1924	—	—	33	838	—	—	1,047	21,643	338	12,525
1925	—	—	—	—	—	—	1,626	33,612	439	16,723
1926	—	—	—	—	—	—	1,678	34,687	311	15,136
1927	—	—	266	6,650	—	—	3,151	65,137	11	220
1928	—	—	208	4,160	—	—	1,290	26,667	—	—
1929	—	—	254	5,080	—	—	2,687	55,545	6	110
1930	—	—	398	7,960	—	—	1,272	26,295	6	110
1931	—	—	1,484	29,679	—	—	460	9,920	—	—
1932	—	—	1,438	28,760	—	—	964	22,634	12	433
1933	—	—	1,747	34,940	—	—	1,382	39,525	21	868
1934	—	—	1,320	52,800	—	—	3,525	121,613	50	1,762
1935	—	—	666	26,660	—	—	9,376	329,942	50	2,006
1936	779,307	73,855	565	11,300	—	—	11,960	418,959	70	2,242
1937	180,609	23,620	481	15,392	—	—	19,918	696,931	37	4,415
1938	—	—	384	13,480	—	—	26,560	934,248	131	7,006
1939	1,269,179	128,086	279	9,661	—	—	29,943	1,082,170	152	5,616
1940	—	—	241	7,786	17	365	22,219	855,432	53	2,378
1941	—	—	239	7,310	300	3,900	19,170	738,045	—	—
1942	—	—	218	6,541	300	6,584	12,989	500,076	—	—
1943	—	—	82	2,465	—	—	4,129	158,967	—	—
1944	—	—	5	175	—	—	5,840	224,840	—	—
1945	—	—	24	740	—	—	3,291	126,704	10	600
1946	—	—	49	1,505	—	—	4,321	158,797	—	—
1947	—	—	44	1,205	—	—	1,271	44,485	—	—
1948	—	—	22	670	—	—	188	6,580	—	—
1949	—	—	24	740	—	—	64	2,304	—	—
1950	—	—	45	1,557	—	—	65	2,473	—	—
1951	—	—	84	2,925	—	—	17	626	—	—
1952	766,165	218,663	16	834	—	—	1,433	49,109	—	—
1953	1,576,360	471,962	3	150	—	—	3,248	111,796	—	—
1954	1,981,713	577,868	4	192	—	—	3,754	127,899	—	—
1955	2,054,938	757,758	2	72	—	—	3,880	133,938	—	—

Feldspar produced in 1921—16 tons valued at \$117.

## The Mineral Production of Nova Scotia — Continued

Year	Gypsum		Iron ore		Lead		Lime		Manganese ore and bog manganese	
	tons	\$	tons	\$	pounds	\$	tons	\$	tons	\$
1886.....	123, 753	118, 110	44, 388	...	—	—	560	3, 800	427	...
1887.....	116, 346	116, 346	43, 532	...	—	—	1, 729	11, 442	306	21, 260
1888.....	124, 818	120, 429	42, 611	...	—	—	1, 031	6, 480	106	6, 460
1889.....	165, 025	142, 850	54, 161	...	—	—	—	—	67	3, 947
1890.....	181, 285	154, 972	49, 206	...	—	—	7, 628	44, 565	—	—
1891.....	161, 934	153, 955	53, 649	...	—	—	—	—	—	—
1892.....	197, 019	170, 021	78, 258	...	—	—	—	—	—	—
1893.....	152, 754	144, 111	102, 201	...	—	—	—	—	—	—
1894.....	168, 300	147, 644	89, 379	...	—	—	—	—	—	—
1895.....	156, 809	133, 929	83, 792	...	—	—	—	—	108	6, 348
1896.....	136, 590	111, 251	58, 810	...	—	—	—	—	123½	3, 975
1897.....	155, 572	121, 754	23, 400	...	—	—	—	—	15¼	1, 166
1898.....	132, 086	106, 610	19, 079	42, 928	—	—	—	—	11	325
1899.....	126, 754	102, 055	28, 000	84, 000	—	—	—	—	67	2, 328
1900.....	138, 712	108, 828	18, 940	—	—	—	—	—	—	—
1901.....	170, 100	136, 947	18, 619	—	—	—	—	—	—	—
1902.....	206, 087	181, 425	16, 172	—	—	—	—	—	—	—
1903.....	189, 427	173, 881	40, 335	—	—	—	—	—	—	—
1904.....	218, 580	153, 600	61, 293	—	—	—	—	—	—	—
1905.....	272, 252	298, 248	84, 952	—	—	—	—	—	—	—
1906.....	333, 312	345, 414	97, 820	151, 386	—	—	1, 750	13, 600	—	—
1907.....	357, 411	380, 859	89, 839	137, 161	—	—	1, 575	16, 000	—	—
1908.....	234, 455	230, 433	11, 802	17, 620	—	—	1, 787	16, 102	—	—
1909.....	345, 682	364, 379	—	—	—	—	2, 021	16, 729	—	—
1910.....	400, 455	458, 638	18, 134	51, 330	—	—	1, 951	13, 490	—	—
1911.....	353, 999	406, 457	22	50	—	—	22, 372	130, 555	5¼	300
1912.....	376, 082	481, 493	30, 857	168, 877	—	—	24, 836	145, 121	75	1, 875
1913.....	404, 801	479, 515	20, 436	21, 049	—	—	29, 918	171, 339	—	—
1914.....	303, 155	368, 931	—	—	—	—	18, 120	103, 748	28	1, 120
1915.....	298, 864	339, 857	—	—	—	—	32, 028	183, 017	51	5, 760
1916.....	238, 212	278, 160	—	—	—	—	31, 904	182, 506	646	70, 371
1917.....	215, 472	301, 261	—	—	—	—	34, 514	197, 344	158	14, 836
1918.....	49, 365	115, 976	130	...	—	—	26, 191	149, 663	—	—
1919.....	163, 852	250, 174	—	—	—	—	12, 829	73, 309	45	3, 600
1920.....	260, 661	573, 752	—	—	—	—	7, 053	40, 300	62	4, 140
1921.....	206, 831	511, 883	—	—	—	—	907	6, 085	68	3, 400
1922.....	332, 404	580, 148	—	—	—	—	—	—	73	2, 044
1923.....	341, 705	747, 934	—	—	—	—	1, 483	7, 199	200	1, 400
1924.....	441, 752	915, 845	—	—	—	—	78	936	—	—
1925.....	551, 230	1, 070, 408	—	—	—	—	289	3, 484	—	—
1926.....	678, 107	1, 187, 918	—	—	—	—	15, 883	59, 777	—	—
1927.....	829, 438	1, 512, 015	—	—	—	—	30, 562	100, 254	—	—
1928.....	1, 013, 257	1, 850, 243	—	—	—	—	36, 154	175, 876	—	—
1929.....	948, 895	1, 152, 160	—	—	—	—	42, 001	154, 187	—	—
1930.....	827, 063	982, 287	—	—	—	—	31, 114	113, 250	4	60
1931.....	707, 817	878, 487	—	—	—	—	18, 430	79, 418	60	2, 400
1932.....	341, 508	398, 861	—	—	—	—	6, 533	35, 534	—	—
1933.....	315, 948	363, 528	—	—	—	—	3, 914	30, 160	—	—
1934.....	378, 287	488, 044	—	—	—	—	8, 920	67, 954	—	—
1935.....	454, 703	523, 216	—	—	—	—	11, 331	82, 698	—	—
1936.....	729, 019	808, 294	—	—	1, 901, 712	74, 414	15, 664	119, 230	—	—
1937.....	926, 796	978, 288	—	—	418, 086	21, 364	17, 687	150, 115	—	—
1938.....	870, 856	908, 383	—	—	—	—	12, 351	110, 648	—	—
1939.....	1, 298, 618	1, 340, 830	—	—	2, 545, 122	80, 655	14, 781	129, 511	4	88
1940.....	1, 278, 204	1, 302, 347	—	—	—	—	22, 014	184, 094	152	4, 315
1941.....	1, 395, 172	1, 517, 297	—	—	—	—	20, 941	199, 577	—	—
1942.....	394, 216	512, 762	—	—	—	—	21, 850	226, 334	61	91
1943.....	255, 736	368, 639	—	—	—	—	9, 733	113, 344	—	—
1944.....	401, 284	489, 932	—	—	—	—	3, 362	42, 957	—	—
1945.....	634, 960	790, 273	—	—	—	—	469	5, 771	—	—
1946.....	1, 538, 738	1, 812, 815	—	—	—	—	—	—	—	—
1947.....	2, 137, 704	2, 303, 275	—	—	—	—	—	—	—	—
1948.....	2, 795, 848	3, 028, 646	—	—	—	—	—	—	—	—
1949.....	2, 555, 795	2, 766, 005	—	—	—	—	—	—	—	—
1950.....	3, 185, 199	3, 802, 786	—	—	—	—	—	—	—	—
1951.....	3, 190, 030	4, 107, 822	—	—	—	—	—	—	—	—
1952.....	2, 969, 312	4, 373, 842	—	—	1, 556, 645	252, 021	—	—	—	—
1953.....	3, 050, 832	5, 200, 420	—	—	3, 652, 126	472, 074	—	—	—	—
1954.....	3, 168, 134	5, 235, 581	—	—	4, 186, 143	558, 013	—	—	—	—
1955.....	3, 838, 847	6, 061, 922	—	—	3, 979, 230	572, 213	—	—	—	—

Molybdenite produced in 1917 and 1918—274 pounds valued at \$301.



## The Mineral Production of Nova Scotia — Continued

Year	Peat moss		Quartz		Salt		Sand and gravel		Silica brick	
	tons	\$	tons	\$	tons	\$	tons	\$	M	\$
1914 .....	—	—	—	—	—	—	—	—	—	—
1915 .....	—	—	—	—	—	—	368,049	71,821	—	—
1916 .....	—	—	—	—	—	—	175,571	84,631	—	—
1917 .....	—	—	—	—	—	—	225,457	129,620	—	—
1918 .....	—	—	—	—	—	—	—	—	—	—
1919 .....	—	—	—	—	174	2,188	—	—	—	—
1920 .....	—	—	—	—	3,023	32,000	—	—	—	—
1921 .....	—	—	—	—	2,638	23,269	—	—	—	—
1922 .....	—	—	—	—	5,053	54,666	154,021	54,974	—	—
1923 .....	—	—	—	—	4,480	39,151	203,416	55,928	—	—
1924 .....	—	—	—	—	4,551	37,469	306,873	60,849	—	—
1925 .....	—	—	1,352	6,760	6,598	49,889	286,614	55,362	—	—
1926 .....	—	—	8,333	20,018	8,165	68,781	230,307	52,952	1,358	64,461
1927 .....	—	—	4,834	16,721	14,391	102,590	812,976	522,723	1,238	50,978
1928 .....	—	—	7,424	28,022	19,604	118,342	296,266	111,103	1,627	69,179
1929 .....	—	—	11,845	31,388	27,819	157,662	332,599	151,368	2,385	93,207
1930 .....	—	—	8,057	18,494	23,058	136,226	525,683	310,407	2,040	78,259
1931 .....	—	—	3,116	6,836	27,718	143,761	403,858	198,757	621	22,044
1932 .....	—	—	—	—	31,897	150,708	423,487	136,677	—	—
1933 .....	—	—	1,017	1,447	34,278	161,889	282,228	126,031	453	15,834
1934 .....	—	—	7,292	12,107	42,886	191,917	256,572	114,597	2,159	71,215
1935 .....	—	—	9,640	13,978	38,701	161,659	1,423,557	685,973	1,968	73,218
1936 .....	—	—	6,764	10,819	38,774	183,915	1,947,471	941,366 <sup>1</sup>	1,922	70,570
1937 .....	—	—	11,732	14,078	47,865	216,401	2,992,429	1,457,266	2,926	121,146
1938 .....	—	—	4,701	8,415	44,950	194,759	2,077,378	1,013,266	1,193	49,811
1939 .....	—	—	10,547	18,927	47,885	213,029	2,139,427	1,225,827	1,890	75,212
1940 .....	—	—	8,755	15,670	42,495	220,328	1,440,140	867,490	2,809	120,125
1941 .....	—	—	11,477	24,100	54,007	307,637	749,441	332,531	2,828	119,511
1942 .....	—	—	10,708	23,557	50,199	317,798	775,795	371,970	3,090	142,511
1943 .....	—	—	9,486	16,126	47,775	245,157	917,376	585,007	3,113	169,783
1944 .....	—	—	10,100	27,350	38,809	281,482	911,970	411,041	2,931	177,003
1945 .....	—	—	10,734	36,171	37,825	254,138	1,308,848	555,809	3,040	185,865
1946 .....	—	—	7,525	15,550	38,371	329,579	1,105,980	484,585	2,055	119,272
1947 .....	—	—	9,146	55,393	40,107	416,332	2,966,680	1,363,363	1,983	181,841
1948 .....	—	—	7,651	52,863	61,799	700,164	1,636,808	1,706,838	2,198	260,397
1949 .....	—	—	—	—	86,612	1,030,126	1,933,652	1,738,114	2,469	305,539
1950 .....	14	677	—	—	101,930	1,080,154	1,600,932	1,488,593	1,911	234,441
1951 .....	578	17,556	—	—	127,252	1,631,904	1,756,641	1,527,052	2,293	260,398
1952 .....	970	29,400	—	—	138,845	1,565,814	1,574,539	1,269,540	2,383	360,286
1953 .....	150	5,706	—	—	127,819	1,272,463	1,523,083	1,459,770	2,253	399,096
1954 .....	118	1,675	—	—	150,589	1,838,559	1,330,979	1,297,693	1,208	244,040
1955 .....	587	7,903	—	—	144,862	1,808,302	1,156,710	1,148,245	1,265	289,369

1. Includes production in Prince Edward Island.

## The Mineral Production of Nova Scotia — Continued

Year	Silver		Stone							
			Granite		Limestone		Marble		Sandstone	
	fine oz.	\$	tons	\$	tons	\$	tons	\$	tons	\$
1908.....	—	—	—	—	—	—	1	1	—	—
1909.....	—	—	...	5,832	...	161,922	—	—	...	21,850
1910.....	—	—	...	18,291	...	192,919	—	—	...	16,425
1911.....	—	—	...	24,258	...	245,216	—	—	...	23,440
1912.....	—	—	...	28,041	...	275,944	—	—	...	20,645
1913.....	—	—	...	29,302	...	258,719	—	—	...	62,490
1914.....	—	—	...	65,727	...	94,239	—	—	...	61,124
1915.....	—	—	...	79,636	...	255,024	—	—	...	33,264
1916.....	—	—	...	164,870	...	263,803	—	—	...	30,625
1917.....	—	—	...	111,529	...	433,987	—	—	...	24,005
1918.....	—	—	2	2	2	2	2	2	2	2
1919.....	—	—	2	2	2	2	2	2	2	2
1920.....	—	—	2	2	2	2	2	2	2	2
1921.....	—	—	11,822	47,101	44,269	55,436	—	—	2,832	14,065
1922.....	—	—	12,725	44,489	68,122	56,936	—	—	7,108	18,067
1923.....	—	—	17,296	54,892	118,222	102,750	—	—	3,164	19,443
1924.....	44	29	7,554	33,021	57,069	56,323	—	—	2,912	22,480
1925.....	86	59	14,961	54,524	84,939	73,717	—	—	2,225	6,445
1926.....	112	70	4,884	41,738	82,753	97,255	—	—	4,678	11,799
1927.....	125	70	611	36,770	68,294	75,292	—	—	3,546	8,745
1928.....	77	45	39,360	102,295	72,350	79,320	160	2,975	9,298	29,185
1929.....	132	70	76,742	98,357	175,981	199,384	132	2,515	11,851	75,966
1930.....	67	26	7,856	38,107	79,941	88,545	—	—	64,666	193,664
1931.....	48	14	24,895	72,009	21,684	69,415	—	—	36,602	84,208
1932.....	47	15	3,635	18,461	9,974	27,990	—	—	21,052	40,856
1933.....	104	39	8,145	36,675	21,514	43,911	—	—	11,790	16,043
1934.....	321	152	325	12,300	105,620	135,962	—	—	17,123	23,055
1935.....	372	241	525	23,800	8,988	19,188	—	—	202,952	578,844
1936.....	107,642	48,576	66,507	99,855	20,860	36,365	—	—	167,205	239,109
1937.....	26,990	12,113	16,430	50,966	24,398	35,914	—	—	137,893	192,218
1938.....	988	430	5,765	31,768	20,957	34,696	—	—	36,940	80,480
1939.....	173,877	70,399	885	20,809	17,239	33,941	—	—	31,711	79,167
1940.....	725	277	87,975	155,458	24,160	46,717	—	—	69,316	111,469
1941.....	673	257	410	30,537	46,973	69,501	—	—	66,219	169,307
1942.....	446	188	429	41,985	185,232	645,680	—	—	43,856	76,502
1943.....	144	65	703	28,407	174,933	264,197	—	—	72,232	128,265
1944.....	188	81	1,886	37,532	50,734	123,613	—	—	45,813	63,968
1945.....	112	53	379	25,695	60,387	158,644	—	—	62,668	130,840
1946.....	146	122	8,394	49,176	84,805	215,257	—	—	90,534	251,020
1947.....	97	70	438	53,486	111,263	275,613	—	—	267,921	279,415
1948.....	8	6	553	105,991	135,577	306,107	—	—	103,528	269,199
1949.....	3	2	56,232	253,792	108,597	257,090	—	—	87,812	143,031
1950.....	2	2	131,871	404,344	99,581	238,101	—	—	23,345	112,615
1951.....	1	1	143,039	436,116	102,460	243,164	—	—	24,682	67,639
1952.....	91,886	76,743	170,719	474,455	117,895	244,864	—	—	51,784	140,189
1953.....	226,225	190,052	101,919	358,655	79,524	186,007	—	—	11,658	78,982
1954.....	262,361	218,434	9,652,140	6,157,946	92,607	205,852	—	—	12,860	43,539
1955.....	262,067	231,091	243,523	574,001	102,648	209,981	—	—	21,149	61,924

1. Included with other products.

2. Not shown by kinds, 1918-1920. Total values for all kinds of stone were—1918, \$478,721; 1919, \$413,194 and 1920, \$420,175.

## The Mineral Production of Nova Scotia — Concluded

Year	Tungsten concentrates		Zinc		Other products
	pounds	\$	pounds	\$	\$
1908 .....	—	—	—	—	216, 161
1909 .....	—	—	—	—	71, 715
1910 .....	—	—	—	—	54, 981
1911 .....	—	—	—	—	68, 735
1912 .....	—	—	—	—	53, 705
1913 .....	—	—	—	—	101, 196
1914 .....	—	—	—	—	86, 121
1915 .....	—	—	—	—	—
1916 .....	—	—	—	—	82, 527
1917 .....	—	—	—	—	22, 000
1918 .....	1, 063	372	—	—	119, 229
1919 .....	—	—	—	—	145, 099
1920 .....	—	—	—	—	226, 121
1921 .....	—	—	—	—	70, 028
1922 .....	—	—	—	—	10, 028
1923 .....	—	—	—	—	4, 429
1924 .....	—	—	—	—	—
1925 .....	—	—	—	—	—
1926 .....	—	—	—	—	—
1927 .....	—	—	—	—	—
1928 .....	—	—	—	—	—
1929 .....	—	—	—	—	—
1930 .....	—	—	—	—	—
1931 .....	—	—	—	—	—
1932 .....	—	—	—	—	—
1933 .....	—	—	—	—	—
1934 .....	—	—	—	—	—
1935 .....	—	—	—	—	—
1936 .....	—	—	6, 180, 219	204, 874	—
1937 .....	—	—	5, 485, 550	268, 902	—
1938 .....	—	—	—	—	—
1939 .....	—	—	9, 152, 856	280, 901	—
1940 .....	8, 586	5, 226	4, 755, 502	162, 210	—
1941 .....	—	—	—	—	—
1942 .....	4, 300	3, 967	—	—	—
1943 .....	19, 374	18, 564	—	—	—
1944 .....	—	—	—	—	—
1945 .....	—	—	—	—	—
1946 .....	—	—	—	—	—
1947 .....	—	—	—	—	—
1948 .....	—	—	—	—	—
1949 .....	—	—	—	—	—
1950 .....	—	—	—	—	—
1951 .....	—	—	—	—	—
1952 .....	—	—	8, 816, 141	1, 539, 298	—
1953 .....	—	—	14, 698, 698	1, 757, 964	—
1954 .....	—	—	16, 985, 060	2, 034, 810	—
1955 .....	—	—	16, 036, 317	2, 188, 957	—



## The Mineral Production of New Brunswick

Year	Cement		Clay products	Coal <sup>1</sup>		Graphite		Grindstones <sup>2</sup>	
	barrels	\$	\$	tons	\$	tons	\$	tons	\$
1886	—	—	33,218	—	—	500	4,000	2,255	22,495
1887	—	—	46,541	10,040	23,607	300	2,400	3,582	38,988
1888	—	—	34,364	5,730	11,050	150	1,200	3,793	30,729
1889	—	—	93,425	5,673	11,733	200	1,600	2,692	23,735
1890	—	—	70,430	7,110	13,850	150	1,200	4,034	33,804
1891	—	—	47,071	5,422	11,030	260	1,560	2,499	22,787
1892	—	—	52,853	6,768	9,375	—	—	2,821	23,577
1893	—	—	—	6,200	9,837	—	—	2,488	17,379
1894	—	—	—	6,469	10,264	—	—	1,629	16,717
1895	—	—	—	9,500	14,250	150	900	2,075	17,932
1896	—	—	—	7,500	11,250	45	315	2,263	18,810
1897	—	—	—	6,000	9,000	89	890	3,165	24,840
1898	—	—	113,400	6,160	9,240	260	2,600	3,513	32,425
1899	—	—	85,600	10,528	15,792	—	—	3,133	32,965
1900	—	—	80,920	10,000	15,000	120	1,440	4,128	40,850
1901	—	—	50,229	17,630	51,857	240	2,880	4,223	42,490
1902	—	—	150,945	18,795	39,680	200	2,400	3,559	36,000
1903	—	—	150,675	16,000	40,000	—	—	4,201	38,740
1904	—	—	150,830	9,112	18,224	60	480	3,620	35,450
1905	—	—	45,010	29,400	58,800	60	480	4,520	52,175
1906	—	—	49,220	34,076	68,152	—	—	4,340	50,134
1907	—	—	57,377	34,584	77,814	—	—	4,863	55,896
1908	—	—	75,513	60,000	135,000	40	360	3,370	43,325
1909	—	—	65,570	49,029	98,496	—	—	3,963	51,460
1910	—	—	56,475	55,455	110,910	—	—	3,586	43,700
1911	—	—	38,000	55,781	111,562	—	—	4,186	49,560
1912	—	—	54,910	44,780	89,560	—	—	4,038	48,330
1913	—	—	62,269	70,311	166,637	—	—	4,487	46,425
1914	—	—	66,502	98,049	241,075	—	—	3,626	49,234
1915	—	—	35,780	127,391	309,612	—	—	2,295	30,468
1916	—	—	42,881	143,540	386,016	—	—	3,205	46,982
1917	—	—	51,304	189,095	708,010	—	—	2,148	35,879
1918	—	—	39,055	268,212	1,331,710	—	—	2,816	75,005
1919	—	—	52,941	166,377	735,386	—	—	1,737	51,516
1920	—	—	73,484	171,610	1,091,440	—	—	2,233	79,696
1921	—	—	66,600	187,192	920,666	—	—	1,098	57,077
1922	—	—	75,425	287,513	1,107,643	—	—	903	40,050
1923	—	—	62,587	276,617	1,196,772	—	—	1,758	72,177
1924	—	—	74,994	217,121	932,185	—	—	2,113	99,299
1925	—	—	69,473	208,012	815,367	—	—	1,642	79,661
1926	—	—	75,851	173,111	710,245	—	—	1,684	90,975
1927	—	—	87,185	203,950	885,038	—	—	1,860	97,197
1928	—	—	72,192	207,738	869,104	—	—	1,609	80,451
1929	—	—	160,006	218,706	909,169	—	—	1,731	103,514
1930	—	—	162,536	209,349	864,118	—	—	495	35,689
1931	—	—	143,348	182,181	743,196	—	—	299	12,308
1932	—	—	68,151	212,695	794,168	—	—	256	11,802
1933	—	—	46,917	312,303	1,041,744	—	—	277	12,051
1934	—	—	59,897	314,750	1,026,343	—	—	535	27,091
1935	—	—	62,478	346,024	1,129,019	—	—	456	21,175
1936	—	—	102,526	368,618	1,190,032	—	—	412	17,982
1937	—	—	123,876	364,714	1,180,611	—	—	288	12,139
1938	—	—	123,625	342,238	1,133,346	—	—	175	9,192
1939	—	—	129,985	468,421	1,566,359	—	—	152	9,662
1940	—	—	171,745	547,064	1,963,012	—	—	255	12,000
1941	—	—	193,643	523,344	2,021,394	—	—	188	11,500
1942	—	—	246,041	435,203	1,826,403	—	—	216	10,000
1943	—	—	216,446	372,873	1,641,069	—	—	164	6,225
1944	—	—	207,051	345,123	1,845,277	—	—	225	12,000
1945	—	—	232,783	361,184	2,021,806	—	—	215	10,270
1946	—	—	336,971	370,655	2,099,373	—	—	295	17,450
1947	—	—	381,184	345,194	2,301,511	—	—	335	21,475
1948	—	—	434,772	522,136	3,734,635	—	—	220	20,100
1949	—	—	515,767	540,806	3,911,371	—	—	195	12,450
1950	—	—	681,139	607,116	4,371,076	—	—	100	10,000
1951	—	—	740,861	653,439	4,822,869	—	—	60	6,000
1952	604,123	1,543,639	655,084	742,823	5,836,736	—	—	42	5,720
1953	823,900	2,104,469	620,769	721,252	5,747,073	—	—	15	900
1954	854,808	2,181,854	587,994	781,271	6,187,622	—	—	—	—
1955	872,659	2,306,065	704,025	877,838	7,100,649	—	—	10	1,500

1. Since 1919 the tonnage shown is the total output from all mines; for previous years the figures include only sales, colliery consumption and coal used by operators.

2. Includes pulpstones, etc.

Antimony production in 1915 was 13,440 pounds valued at \$2,688.

Copper production in 1917 was 33,920 pounds valued at \$9,219.

Copper production in 1955 was 71,295 pounds valued at \$26,290.

## MINERAL STATISTICS

## The Mineral Production of New Brunswick — Continued

Year	Gypsum		Iron ore		Lime		Manganese ore		Manganese bog	
	tons	\$	tons	\$	tons	\$	tons	\$	tons	\$
1886	32,421	48,632	—	—	11,073	58,120	—	—	—	—
1887	29,102	29,216	—	—	16,744	103,463	—	—	—	—
1888	44,369	48,764	—	—	15,408	82,993	—	—	—	—
1889	40,866	49,130	—	—	35,199	162,157	—	—	—	—
1890	39,024	30,986	—	—	28,513	136,586	—	—	—	—
1891	36,011	33,996	—	—	2,360	15,285	—	—	—	—
1892	39,709	65,707	—	—	1	1	—	—	—	—
1893	36,916	41,846	—	—	—	—	—	—	—	—
1894	52,962	48,200	—	—	—	—	—	—	—	—
1895	66,949	63,839	—	—	—	—	—	—	—	—
1896	67,137	59,024	—	—	—	—	—	—	—	—
1897	82,658	118,116	—	—	—	—	—	—	—	—
1898	86,083	121,704	—	—	—	—	—	—	—	—
1899	116,792	151,296	—	—	—	—	—	—	—	—
1900	112,294	145,850	—	—	—	—	—	—	—	—
1901	121,595	189,709	—	—	—	—	—	—	—	—
1902	124,041	170,153	—	—	—	—	—	—	—	—
1903	119,182	172,080	—	—	—	—	—	—	—	—
1904	120,991	187,524	—	—	—	—	—	—	—	—
1905	163,553	232,586	—	—	—	—	—	—	—	—
1906	131,246	250,960	—	—	14,191	94,290	—	—	—	—
1907	118,106	213,638	—	—	19,402	124,786	—	—	—	—
1908	81,620	191,312	—	—	5,451	34,262	—	—	—	—
1909	98,716	226,975	—	—	24,411	154,151	—	—	—	—
1910	90,236	213,579	5,336	11,910	16,452	105,593	—	—	—	—
1911	93,205	115,044	31,120	69,464	21,480	132,897	—	—	—	—
1912	82,757	185,821	71,520	127,716	21,589	133,742	—	—	—	—
1913	103,954	279,395	86,416	153,820	13,754	98,841	—	—	—	—
1914	79,083	200,680	4,775	10,841	13,711	102,980	—	—	—	—
1915	74,501	184,929	3,683	8,261	12,919	93,797	150	3,600	—	—
1916	39,546	153,064	—	—	14,844	104,635	2	2	—	—
1917	38,556	191,631	—	—	18,629	171,248	—	—	—	—
1918	27,225	214,114	—	—	16,889	221,935	—	—	—	—
1919	42,409	315,656	—	—	16,399	223,193	—	—	—	—
1920	49,505	428,183	—	—	24,565	365,030	—	—	—	—
1921	54,030	360,220	—	—	19,686	203,084	—	—	—	—
1922	82,462	517,668	—	—	19,629	187,895	—	—	—	—
1923	104,740	564,680	—	—	11,534	143,814	—	—	—	—
1924	85,738	476,804	—	—	7,286	108,890	584	4,088	—	—
1925	71,745	408,917	—	—	7,074	92,216	—	—	—	—
1926	59,546	468,411	—	—	16,703	196,477	—	—	—	—
1927	85,293	524,550	—	—	12,009	148,321	—	—	—	—
1928	75,033	501,252	—	—	11,261	130,784	—	—	385	2,237
1929	70,482	485,982	—	—	15,518	174,553	—	—	300	1,800
1930	82,674	513,677	—	—	12,521	135,304	269	1,296	275	1,650
1931	58,957	451,264	—	—	11,241	127,054	57	493	77	462
1932	38,019	297,520	—	—	11,572	109,184	—	—	—	—
1933	30,391	88,500	—	—	16,849	134,786	—	—	—	—
1934	30,398	104,709	—	—	15,752	126,409	—	—	—	—
1935	30,796	105,960	—	—	16,272	124,775	100	800	—	—
1936	38,470	123,560	—	—	17,842	128,016	221	1,596	—	—
1937	36,906	131,727	—	—	19,899	150,362	85	817	—	—
1938	48,418	159,203	—	—	15,247	119,556	—	—	—	—
1939	29,765	134,286	—	—	18,675	151,998	392	3,600	—	—
1940	52,218	192,980	—	—	21,236	175,407	—	—	—	—
1941	56,172	150,530	—	—	21,752	180,133	—	—	—	—
1942	36,623	111,316	—	—	22,427	197,481	374	8,841	—	—
1943	36,263	148,315	143,062	579,990	17,382	174,368	48	985	—	—
1944	42,040	200,748	—	—	19,798	227,647	—	—	—	—
1945	46,755	236,833	—	—	19,941	241,651	—	—	—	—
1946	38,839	550,972	—	—	21,915	286,401	—	—	—	—
1947	65,939	711,535	—	—	20,938	295,178	225	7,875	—	—
1948	61,534	338,405	—	—	22,884	353,621	—	—	—	—
1949	80,436	371,529	—	—	23,082	352,805	—	—	—	—
1950	82,641	371,885	—	—	23,694	387,431	—	—	—	—
1951	109,469	328,407	—	—	20,954	369,681	—	—	—	—
1952	110,183	333,638	—	—	19,837	366,457	—	—	—	—
1953	120,816	380,370	—	—	21,184	430,226	—	—	—	—
1954	88,856	217,697	—	—	22,533	439,161	—	—	—	—
1955	90,096	315,336	—	—	18,861	385,979	—	—	—	—

1. No record, 1892-1905.

2. Included with other products.

Lead production in 1955 — 1,532,706 pounds valued at \$220,403.

## The Mineral Production of New Brunswick — Continued

Year	Mineral waters	Natural gas		Petroleum		Peat moss		Sand and gravel	
	\$	M cu. ft.	\$	barrels	\$	tons	\$	tons	\$
1908 .....	14,894	—	—	—	—	—	—	—	—
1909 .....	14,003	—	—	—	—	—	—	—	—
1910 .....	16,000	—	—	1,485	1,826	—	—	—	—
1911 .....	19,843	—	—	2,461	3,019	—	—	—	—
1912 .....	—	173,903	36,549	2,679	3,799	—	—	—	—
1913 .....	—	828,603	174,147	2,111	3,762	—	—	—	—
1914 .....	—	425,826	54,249	1,725	2,742	—	—	—	—
1915 .....	—	430,692	60,383	1,020	1,423	—	—	323,192	19,014
1916 .....	—	610,118	79,628	1,345	2,663	—	—	803,014	120,988
1917 .....	—	796,775	103,735	2,341	5,460	—	—	518,401	47,062
1918 .....	—	792,396	107,842	3,009	7,402	—	—	—	—
1919 .....	—	682,890	120,510	4,225	13,141	—	—	—	—
1920 .....	—	682,502	130,506	5,148	19,963	—	—	1	1
1921 .....	—	708,743	139,375	7,479	33,022	—	—	239,192	24,171
1922 .....	—	753,898	148,040	7,778	32,732	—	—	448,322	49,509
1923 .....	—	640,300	126,068	8,826	35,642	—	—	608,528	94,634
1924 .....	—	599,972	113,577	5,561	21,313	—	—	141,897	23,999
1925 .....	—	639,235	122,394	5,376	18,756	—	—	70,156	12,331
1926 .....	—	648,316	128,300	10,544	29,940	—	—	70,931	11,360
1927 .....	—	630,755	124,637	18,244	41,748	—	—	388,066	118,768
1928 .....	—	660,981	324,344	8,043	21,391	—	—	491,471	54,183
1929 .....	—	678,456	333,002	7,499	19,909	—	—	525,857	46,167
1930 .....	—	661,975	325,751	6,758	17,378	—	—	357,551	41,303
1931 .....	—	655,891	323,184	6,577	15,461	—	—	183,475	18,149
1932 .....	—	662,452	326,191	6,408	14,332	—	—	569,150	447,239
1933 .....	—	618,033	302,706	8,835	18,111	—	—	496,961	331,497
1934 .....	—	623,601	306,005	11,106	22,277	—	—	568,064	322,238
1935 .....	—	615,454	303,886	12,954	18,230	—	—	1,813,206	845,981
1936 .....	—	606,246	298,819	17,112	24,075	—	—	970,945	567,797
1937 .....	—	576,671	283,922	18,089	25,496	—	—	1,136,013	715,652
1938 .....	—	577,492	284,689	19,276	27,246	—	—	3,833,540	1,825,383
1939 .....	—	606,382	292,403	22,799	32,082	—	—	3,373,303	1,363,051
1940 .....	—	616,041	300,543	22,167	31,220	—	—	944,033	278,710
1941 .....	—	653,542	317,437	31,359	44,102	—	—	962,483	423,772
1942 .....	—	619,380	299,688	28,089	39,467	295	8,100	923,020	540,541
1943 .....	—	675,029	327,787	24,530	34,342	990	27,000	719,531	372,936
1944 .....	—	702,464	341,636	23,296	32,832	2,000	64,000	1,960,382	958,524
1945 .....	—	653,230	317,568	30,140	42,413	2,000	64,000	1,627,371	686,267
1946 .....	—	541,010	262,441	28,584	40,018	2,247	54,892	2,203,646	807,045
1947 .....	—	489,810	279,790	23,129	32,381	2,527	60,943	3,464,347	1,278,376
1948 .....	—	420,352	287,446	21,372	29,920	4,482	136,001	3,347,817	1,231,256
1949 .....	—	375,035	146,864	19,544	27,362	5,752	156,400	3,142,633	1,106,479
1950 .....	—	361,877	214,665	17,137	23,992	5,535	168,321	4,789,585	2,997,779
1951 .....	—	261,579	194,312	15,551	21,771	4,587	161,934	2,966,210	2,229,258
1952 .....	—	202,042	150,073	14,237	19,932	2,400	96,000	3,670,289	1,815,576
1953 .....	—	177,112	131,368	14,738	20,633	8,323	246,946	2,648,235	1,282,421
1954 .....	—	183,457	136,405	13,046	18,265	9,888	217,421	3,528,318	1,832,299
1955 .....	—	186,549	138,450	12,548	17,567	8,743	234,599	5,731,835	2,942,830

1. Includes marble.

Silver production in 1917 — 400 ounces valued at \$326; in 1955 — 25,087 ounces valued at \$22,122.



## The Mineral Production of New Brunswick — Concluded

Year	Stone						Other products
	Sandstone		Granite		Limestone		
	tons	\$	tons	\$	tons	\$	
1908 .....	—	—	—	—	—	—	85,510 <sup>2</sup>
1909 .....	...	30,609	...	11,541	...	30	4,200
1910 .....	...	51,793	...	6,880	...	315	—
1911 .....	...	35,537	...	37,994	...	110	—
1912 .....	...	68,260	...	22,317	—	—	—
1913 .....	...	70,787	...	32,945	—	—	22,868
1914 .....	...	236,647	...	24,525	—	—	25,095
1915 .....	...	145,177	...	8,335	—	—	—
1916 .....	...	46,032	...	59,325	...	6,900	69,073
1917 .....	...	27,105	...	61,170	...	22,875	—
1918 .....	1	1	1	1	1	1	39,217
1919 .....	1	1	1	1	1	1	73,933
1920 .....	1	1	1	1	1	1	59,472
1921 .....	800	4,500	14,325	92,790	—	—	—
1922 .....	638	9,378	11,389	95,352	—	—	—
1923 .....	250	629	11,509	145,473	10,689	21,981	—
1924 .....	—	—	4,921	80,812	14,308	33,299	—
1925 .....	—	—	9,027	89,731	16,364	35,012	—
1926 .....	230	2,400	3,824	66,423	15,054	30,722	—
1927 .....	3,150	11,250	1,634	53,695	25,124	56,146	—
1928 .....	10,075	18,896	5,485	66,435	30,772	57,650	—
1929 .....	1,500	80,000	5,142	91,610	20,710	33,360	—
1930 .....	25,141	47,816	46,209	139,212	40,262	97,841	—
1931 .....	24,364	119,712	2,583	148,881	35,378	73,398	—
1932 .....	1,729	20,665	4,369	102,699	10,707	31,554	—
1933 .....	660	6,695	1,792	82,771	14,262	41,904	—
1934 .....	1,578	5,948	5,984	76,793	30,356	78,441	—
1935 .....	840	19,447	31,091	103,275	53,213	86,001	—
1936 .....	4,164	4,410	1,485	73,784	53,781	55,564	—
1937 .....	4,603	8,480	936	74,961	51,929	55,600	—
1938 .....	4,340	28,870	954	71,600	7,985	19,855	—
1939 .....	21,412	51,175	1,492	72,005	52,505	142,927	—
1940 .....	5,015	33,550	1,326	69,833	159,812	206,916	—
1941 .....	4,678	10,680	1,529	63,184	131,941	274,000	—
1942 .....	4,350	10,650	964	29,334	82,623	281,296	—
1943 .....	655	2,600	1,522	15,856	51,406	128,915	—
1944 .....	1,400	31,425	1,857	47,504	66,731	165,258	—
1945 .....	10,020	88,200	4,669	41,983	84,639	198,326	—
1946 .....	5,200	76,000	358	27,683	115,565	283,301	—
1947 .....	114,850	175,200	364	4,675	112,205	262,820	—
1948 .....	5,940	78,850	418	22,760	132,120	335,519	—
1949 .....	91,918	176,057	2,314	51,568	124,964	305,357	—
1950 .....	2,955,399	3,219,958	817	21,307	104,726	289,422	—
1951 .....	729,258	292,618	7,298	12,647	142,948	384,259	—
1952 .....	39,764	113,117	7,600	25,000	113,580	337,988	—
1953 .....	846,974	324,340	11,500	57,506	129,503	316,397	—
1954 .....	592,857	292,390	11,803	58,176	116,132	299,038	—
1955 .....	370,337	227,126	281,203	459,107	423,619	609,226	—

1. Not recorded by kinds; total stone valuation in 1918 was \$99,044, in 1919, \$125,294 and in 1920, \$280,167.

2. Includes marble.

Tungsten concentrates: 1918—22,000 pounds valued at \$8,693.

Tungsten (WO<sub>3</sub>): 1955—28,770 pounds valued at \$47,470.

Marble: 1955—71 tons valued at \$1,000.

The Mineral Production of Quebec

Year	Aluminum <sup>1</sup>	Arsenious oxide		Asbestos		Bismuth		Cement <sup>2</sup>	
	pounds	pounds	\$	tons	\$	pounds	\$	barrels	\$
1886.....	—	—	—	3,458	206,251	—	—	—	—
1887.....	—	—	—	4,619	226,976	—	—	—	—
1888.....	—	—	—	4,404	255,007	—	—	—	—
1889.....	—	—	—	6,113	426,554	—	—	—	—
1890.....	—	—	—	9,860	1,260,240	—	—	—	—
1891.....	—	—	—	9,279	999,878	—	—	—	—
1892.....	—	—	—	6,082	390,462	—	—	—	—
1893.....	—	—	—	6,331	310,156	—	—	—	—
1894.....	—	—	—	7,630	420,825	—	—	—	—
1895.....	—	—	—	8,756	368,175	—	—	—	—
1896.....	—	—	—	12,250	429,856	—	—	—	—
1897.....	—	—	—	30,442	445,368	—	—	—	—
1898.....	—	—	—	23,785	491,197	—	—	—	—
1899.....	—	—	—	25,536	485,849	—	—	—	—
1900.....	—	—	—	29,141	748,431	—	—	—	—
1901.....	283,737	—	—	40,217	1,259,759	—	—	—	—
1902.....	1,983,252	—	—	40,416	1,148,319	—	—	—	—
1903.....	1,750,599	—	—	41,677	929,757	—	—	—	—
1904.....	2,302,178	—	—	48,465	1,226,352	—	—	—	—
1905.....	2,590,329	—	—	68,263	1,503,259	—	—	—	—
1906.....	4,696,949	—	—	82,185	2,060,143	—	—	—	—
1907.....	5,921,299	—	—	90,426	2,505,042	—	—	—	—
1908.....	972,146	—	—	90,773	2,573,335	—	—	704,492	984,350
1909.....	6,083,695	—	—	87,300	2,301,775	—	—	1,011,194	1,314,550
1910.....	9,647,958	—	—	102,215	2,573,603	—	—	1,563,714	1,954,646
1911.....	9,679,980	—	—	127,414	2,943,108	—	—	1,614,730	1,963,439
1912.....	12,029,046	—	—	136,301	3,137,279	—	—	2,714,685	3,134,499
1913.....	14,065,028	—	—	161,086	3,849,925	—	—	2,940,211	3,430,023
1914.....	14,550,959	—	—	117,573	2,909,806	—	—	2,846,061	3,331,601
1915.....	18,368,524	—	—	136,842	3,574,985	—	—	2,390,724	2,812,797
1916.....	21,184,791	—	—	154,149	5,228,869	—	—	2,150,475	2,525,863
1917.....	22,088,067	—	—	153,771	7,228,233	—	—	2,079,625	3,274,989
1918.....	23,535,689	—	—	158,259	8,970,797	—	—	1,564,360	3,003,571
1919.....	21,582,264	—	—	159,236	10,975,369	—	—	2,260,422	4,340,010
1920.....	22,384,702	—	—	199,573	14,792,201	—	—	3,013,463	6,545,054
1921.....	6,335,083	—	—	92,761	4,906,230	—	—	2,135,631	5,410,275
1922.....	12,867,305	—	—	163,706	5,552,723	—	—	2,660,935	5,907,300
1923.....	24,245,766	—	—	231,476	7,519,906	—	—	3,173,993	6,347,986
1924.....	27,243,004	—	—	225,572	6,618,930	—	—	2,758,316	4,796,959
1925.....	31,105,293	—	—	290,387	8,987,459	—	—	3,365,802	5,689,991
1926.....	38,910,914	—	—	279,389	10,095,488	—	—	3,727,377	4,535,386
1927.....	82,735,938	—	—	274,778	10,621,013	—	—	4,636,751	5,383,058
1928.....	82,797,804	—	—	273,033	11,238,360	—	—	4,913,820	6,305,396
1929.....	63,439,528	—	—	306,055	13,172,581	—	—	5,169,408	7,120,374
1930.....	76,217,209	—	—	242,114	8,390,163	—	—	4,865,609	7,031,528
1931.....	68,103,008	—	—	164,296	4,812,886	—	—	4,942,323	7,092,895
1932.....	39,585,847	—	—	122,977	3,039,721	—	—	2,210,584	3,155,702
1933.....	35,532,104	—	—	158,367	5,211,177	—	—	1,517,555	2,128,900
1934.....	34,865,362	—	—	155,980	4,936,326	—	—	1,613,641	2,294,847
1935.....	46,342,747	—	—	210,467	7,054,614	—	—	1,751,012	2,472,008
1936.....	59,280,250	—	—	301,287	9,958,183	—	—	2,093,130	2,945,074
1937.....	93,812,965	—	—	410,025	14,505,541	—	—	2,578,623	3,537,798
1938.....	142,407,743	—	—	289,793	12,890,195	—	—	2,730,320	3,693,188
1939.....	165,680,869	—	—	364,454	15,858,492	—	—	3,027,759	4,035,294
1940.....	218,288,565	—	—	346,805	15,619,865	—	—	3,854,339	5,432,105
1941.....	427,746,534	2,056,000	89,024	477,846	21,468,840	—	—	4,048,749	5,798,188
1942.....	681,192,951	6,349,074	428,562	439,459	22,663,283	—	—	4,446,416	6,487,078
1943.....	991,499,296	2,744,921	221,085	467,196	23,169,505	—	—	3,394,895	4,899,578
1944.....	924,130,162	2,268,067	153,944	419,265	20,619,516	—	—	3,249,302	4,736,004
1945.....	431,425,942	1,821,263	118,557	466,894	22,802,511	—	—	3,872,373	5,985,077
1946.....	388,234,533	420,654	21,580	558,181	25,240,283	6,484	9,078	5,046,166	7,910,548
1947.....	—	787,736	49,348	661,821	33,005,748	15	30	5,453,407	9,351,477
1948.....	—	394,232	27,246	716,769	42,231,475	13,203	26,406	6,517,031	12,306,243
1949.....	—	350,707	17,535	574,906	39,746,072	—	—	6,901,192	19,722,635
1950.....	—	546,534	35,809	864,826	64,361,529	29,005	65,261	6,920,413	14,523,855
1951.....	—	636,896	35,029	946,610	77,627,863	23,827	56,232	7,055,164	16,633,377
1952.....	—	119,970	5,399	906,223	85,248,098	20,127	27,171	7,272,241	18,838,458
1953.....	—	—	—	884,595	81,000,775	46,068	49,136	7,400,912	19,232,112
1954.....	—	—	—	894,129	79,906,506	33,324	65,143	7,541,373	19,108,680
1955.....	—	—	—	1,022,065	88,607,804	105,129	210,636	9,497,629	24,132,519

1. Produced from imported ores; value not included in mineral production of the province.

2. Data for cement production are not available prior to 1908. Cement was produced in Quebec as early as 1840.

Barite production in 1941 — 101 tons valued at \$808.

## The Mineral Production of Quebec — Continued

Year	Chromite		Clay products	Copper		Feldspar		Gold	
	tons	\$	\$	pounds	\$	tons	\$	fine oz.	\$
1886	60	945	83,025	3,340,000	367,400	—	—	193	3,981
1887	38	570	80,117	2,937,900	330,514	—	—	78	1,604
1888	—	—	223,161	5,562,864	927,107	—	—	181	3,740
1889	—	—	278,845	5,315,000	730,813	—	—	58	1,207
1890	—	—	458,597	4,710,606	741,920	700	3,500	65	1,350
1891	—	—	500,957	5,401,704	695,469	685	3,425	87	1,800
1892	—	—	489,470	4,883,480	564,042	175	525	628	12,987
1893	—	—	—	4,468,352	480,348	575	4,525	759	15,696
1894	1,000	20,000	—	2,176,430	208,067	—	—	1,412	29,196
1895	3,177	41,300	—	2,242,462	241,288	—	—	62	1,281
1896	2,342	27,004	—	2,407,200	261,903	972	2,583	145	3,000
1897	2,637	32,474	—	2,474,970	279,424	1,400	3,290	44	900
1898	2,021	24,252	820,758	2,100,235	252,658	2,500	6,250	295	6,089
1899	2,010	21,842	828,868	1,632,560	287,494	3,000	6,000	238	4,916
1900	2,335	27,000	866,060	2,220,000	359,418	155	542	—	—
1901	1,274	16,744	884,166	1,527,442	246,178	534	1,068	145	3,000
1902	900	13,000	946,755	1,640,000	190,666	—	—	391	8,073
1903	3,509	51,129	1,028,246	1,152,000	152,467	18	32	180	3,712
1904	6,074	67,146	917,894	760,000	97,455	—	—	140	2,900
1905	8,575	93,301	896,000	1,621,243	252,752	—	—	191	3,940
1906	9,035	91,859	769,458	1,981,169	381,930	—	—	165	3,412
1907	7,196	72,901	1,214,108	1,517,990	303,659	—	—	—	—
1908	7,225	82,008	893,717	1,282,024	169,330	—	—	—	—
1909	2,470	26,604	1,153,832	1,088,212	141,272	97	1,719	193	3,990
1910	299	3,734	1,442,842	877,347	111,757	90	1,800	124	2,565
1911	157	2,587	1,341,467	2,436,190	301,503	17	255	613	12,672
1912	—	—	1,680,460	3,282,210	536,346	100	2,000	642	13,270
1913	—	—	1,606,816	3,455,867	527,679	74	1,554	701	14,491
1914	136	1,210	1,267,700	4,201,497	571,488	98	2,156	1,292	26,708
1915	12,341	179,543	918,425	4,197,482	725,115	572	2,005	1,099	22,720
1916	27,517	311,460	993,664	5,703,347	1,551,424	4,610	18,075	1,034	21,375
1917	36,725	499,682	983,310	5,015,560	1,363,229	1,188	8,204	1,511	31,235
1918	21,324	835,727	817,357	5,869,649	1,445,577	191	4,279	1,939	40,083
1919	8,541	228,898	1,577,576	2,691,695	503,105	925	13,073	1,470	30,388
1920	11,016	251,379	2,376,029	880,638	153,724	649	10,052	955	19,742
1921	2,798	55,696	1,744,760	352,308	44,045	9,737	80,180	635	13,127
1922	767	11,503	2,494,236	—	—	12,472	127,826	—	—
1923	3,558	52,650	2,439,598	—	—	12,026	102,779	667	13,788
1924	—	—	2,435,695	1,893,008	246,546	16,147	142,118	883	18,253
1925	—	—	2,426,887	2,510,141	352,474	11,287	94,730	1,602	33,116
1926	—	—	2,702,298	2,674,058	368,886	13,168	111,136	3,680	76,072
1927	—	—	2,734,738	3,119,848	403,084	12,730	104,618	8,331	172,217
1928	—	—	3,097,295	33,697,949	4,909,791	12,943	104,789	60,006	1,240,434
1929	—	—	3,187,702	55,337,169	10,019,901	15,790	133,492	90,798	1,876,961
1930	—	—	2,464,044	80,310,363	10,425,891	17,074	163,802	141,747	2,930,170
1931	—	—	2,360,908	68,376,985	5,723,154	10,381	86,842	300,075	6,471,075
1932	78	1,113	1,064,551	67,336,692	4,296,216	3,390	39,062	401,105	9,417,572
1933	30	343	580,088	69,943,882	5,214,177	6,183	59,283	382,886	10,950,539
1934	71	1,098	632,322	73,968,545	5,487,948	9,207	78,853	390,097	13,458,347
1935	346	5,371	593,162	79,050,906	6,162,350	7,002	63,075	470,552	16,558,725
1936	545	8,508	691,765	66,340,175	6,287,058	8,115	75,703	666,905	23,361,683
1937	210	3,286	1,053,153	94,653,132	12,378,737	12,285	105,612	711,480	24,894,685
1938	—	—	1,022,194	112,645,797	11,233,039	5,874	62,878	881,263	30,998,426
1939	—	—	1,274,776	117,238,897	11,831,749	5,399	60,923	953,377	34,455,998
1940	335	5,780	1,546,246	134,166,955	13,532,079	8,548	89,004	1,019,175	39,238,238
1941	2,372	42,679	1,944,358	143,783,978	14,502,052	14,218	137,160	1,089,339	41,939,552
1942	11,456	343,568	1,741,297	140,911,876	14,212,372	16,802	164,588	1,092,388	42,056,938
1943	29,595	919,878	1,504,428	131,163,776	15,411,744	17,199	176,222	922,533	35,517,521
1944	27,054	748,494	1,881,791	108,055,176	12,966,620	17,842	177,271	746,784	28,751,184
1945	5,755	160,752	2,534,630	102,685,069	12,886,976	26,389	247,242	661,608	25,471,908
1946	3,110	61,123	3,457,168	69,797,697	8,934,105	29,758	330,981	618,339	22,723,968
1947	2,162	42,159	4,257,423	85,121,428	17,356,259	29,146	320,964	598,127	20,934,445
1948	1,715	33,568	5,123,908	97,626,279	21,819,473	42,800	464,926	770,625	26,971,875
1949	361	7,148	5,580,421	135,644,936	27,092,363	31,848	384,892	964,184	34,710,624
1950	—	—	6,324,387	145,781,371	34,141,997	29,788	378,782	1,094,645	41,651,242
1951	—	—	6,776,430	137,731,906	38,151,738	28,000	425,370	1,067,306	39,330,226
1952	—	—	6,645,387	137,691,702	39,297,212	16,645	293,007	1,113,204	38,149,501
1953	—	—	8,070,942	109,839,871	32,886,057	18,591	319,146	1,021,698	35,166,845
1954	—	—	8,055,692	167,860,775	48,948,202	14,305	278,997	1,098,570	37,428,280
1955	—	—	8,451,362	202,041,072	74,502,645	18,152	355,879	1,154,522	39,854,099

Garnet production in 1927 — 2 tons valued at \$150.

Fluorspar production in 1944 — 18 tons valued at \$670.



## The Mineral Production of Quebec — Continued

Year	Graphite		Iron ore <sup>1</sup>		Iron ingots		Iron oxides (ochre)		Kaolin	
	tons	\$	tons	\$	tons	\$	tons	\$	tons	\$
1886	—	—	—	—	—	—	350	2,350	—	—
1887	—	—	13,401	...	—	—	485	3,733	—	—
1888	—	—	10,710	...	—	—	397	7,900	—	—
1889	42	1,560	14,533	...	—	—	794	15,280	—	—
1890	25	4,000	22,305	...	—	—	275	5,125	—	—
1891	—	—	14,380	...	—	—	900	17,750	—	—
1892	167	3,763	22,690	...	—	—	390	5,800	—	—
1893	—	—	22,076	...	—	—	1,070	17,710	—	—
1894	5	400	19,492	...	—	—	611	8,690	—	—
1895	70	5,250	17,783	...	—	—	1,339	14,600	—	—
1896	94	9,140	17,630	...	—	—	2,362	16,045	—	—
1897	247	12,350	22,436	...	—	—	3,905	23,560	—	—
1898	100	5,098	17,873	46,033	—	—	2,226	17,450	—	—
1899	90	8,000	19,420	50,161	—	—	3,919	20,000	—	—
1900	302	5,600	19,000	...	—	—	1,966	15,398	—	—
1901	220	4,400	15,489	...	—	—	2,233	16,735	—	—
1902	100	10,000	18,524	...	—	—	4,955	30,495	—	—
1903	—	—	12,035	...	—	—	6,266	32,760	—	—
1904	25	2,300	16,152	...	—	—	3,925	24,995	—	—
1905	—	—	12,681	...	—	—	5,105	34,375	—	—
1906	125	8,300	9,933	32,938	—	—	6,758 <sup>2</sup>	36,125	—	—
1907	120	5,000	12,748	34,956	—	—	5,828 <sup>2</sup>	35,570	—	—
1908	1	165	10,103	22,094	—	—	4,746	30,440	—	—
1909	134	10,176	4,150	5,508	—	—	3,940	28,096	—	—
1910	155	16,000	4,503	8,252	—	—	4,813	33,185	—	—
1911	374	33,084	3,616	6,479	—	—	3,612	28,173	—	—
1912	604	50,680	1,185	4,232	—	—	7,654	32,410	20	160
1913	103	9,620	5,102	26,999	—	—	5,987	41,774	500	5,000
1914	261	18,886	—	—	—	—	5,890	51,725	1,000	10,000
1915	75	5,431	—	—	—	—	6,248	48,353	1,300	13,000
1916	479	75,776	3,209	8,308	—	—	8,811	58,711	1,750	17,500
1917	541	106,305	17,189	54,815	—	—	9,409	87,605	533	9,594
1918	180	40,018	8,159	44,531	—	—	17,317	112,440	863	19,299
1919	20	400	321	1,005	—	—	11,862	113,427	759	13,744
1920	233	31,913	960	3,000	—	—	19,128	157,909	683	15,022
1921	38	2,423	—	—	—	—	8,879	92,765	124	1,888
1922	24	1,500	526	1,410	—	—	7,282	110,488	1,197	17,866
1923	45	2,316	69	186	—	—	9,911	123,186	163	2,369
1924	46	3,275	1,408	3,771	—	—	7,146	88,540	—	—
1925	359	30,900	3,978	11,934	—	—	6,985	89,173	—	—
1926	326	29,516	200	600	—	—	6,518	100,923	—	—
1927	34	2,043	2,029	8,980	—	—	5,931	102,186	—	—
1928	50	4,668	2,244	6,732	—	—	5,278	109,383	—	—
1929	173	12,652	2,748	7,359	—	—	6,220	113,932	—	—
1930	197	9,850	412	1,239	—	—	6,590	83,753	—	—
1931	—	—	1,509	10,261	—	—	5,410	48,205	—	—
1932	—	—	—	—	—	—	5,017	44,161	—	—
1933	43	2,222	—	—	—	—	4,192	51,965	—	—
1934	129	6,426	2,023	14,161	—	—	4,798	64,566	—	—
1935	21	1,281	2,288	16,400	—	—	5,357	75,388	—	—
1936	—	—	2,566	18,318	—	—	5,458	65,630	—	—
1937	—	—	4,229	26,432	—	—	5,617	77,640	—	—
1938	—	—	207	1,449	—	—	5,387	67,209	—	—
1939	—	—	3,694	21,267	—	—	5,465	82,501	—	—
1940	—	—	5,535	24,510	—	—	9,603	107,926	—	—
1941	—	—	12,651	49,110	—	—	8,770	139,185	2 <sup>3</sup>	30
1942	—	—	10,218	51,841	—	—	8,866	147,049	408	6,130
1943	—	—	69,437	308,290	—	—	7,998	131,057	93	1,531
1944	—	—	33,973	165,195	—	—	8,117	142,050	424	5,758
1945	—	—	14,147	67,575	—	—	9,917	170,068	446	3,771
1946	—	—	1,406	7,735	—	—	12,268	146,401	821	5,775
1947	—	—	—	—	—	—	13,360	257,621	—	—
1948	—	—	—	—	—	—	12,095	193,619	—	—
1949	—	—	—	—	—	—	10,873	184,586	—	—
1950	—	—	—	—	1,697	138,284	13,696	262,632	—	—
1951	—	—	—	—	15,554	777,142	13,342	262,277	—	—
1952	—	—	—	—	32,422	1,815,007	11,487	194,922	—	—
1953	—	—	—	—	107,370	4,064,039	10,308	195,801	—	—
1954	11	1,093	650,415	3,818,309	90,562	2,910,663	5,798	183,507	—	—
1955	—	—	4,103,173	27,164,396	115,955	4,831,845	7,702	162,512	—	—

1. From 1911 shipments consisted almost entirely of titaniferous ores; in 1942 included 187 tons of straight iron ore valued at \$935.

2. Includes a small production from Ontario.

3. Kaolin included in clay products since 1941.

• Lithia in 1955 — 106,320 pounds valued at \$58,480.

## MINERAL STATISTICS

## The Mineral Production of Quebec — Continued

Year	Lead		Lime		Magnesitic dolomite <sup>2</sup>		Mica		Mineral waters (natural)	
	pounds	\$	tons	\$	tons	\$	tons	\$	Imp. gal.	\$
1886.....	—	—	14,060	75,700	—	—	...	6,991	—	—
1887.....	—	—	14,851	79,137	—	—	...	8,276	—	—
1888.....	—	—	12,483	61,489	—	—	3	3	—	—
1889.....	—	—	6,553	36,831	—	—	...	1,496	—	—
1890.....	105,000	4,704	4,081	23,274	—	—	...	9,590	—	—
1891.....	88,665	3,857	17,735	77,462	—	—	...	27,000	—	—
1892.....	—	—	1	1	—	—	...	23,000	—	—
1893.....	3,931	146	—	—	—	—	—	—	—	—
1894.....	—	—	—	—	—	—	—	—	—	—
1895.....	—	—	—	—	—	—	—	—	—	—
1896.....	—	—	—	—	—	—	—	—	—	—
1897.....	177,084	6,340	—	—	—	—	...	26,000	—	—
1898.....	221,760	8,382	—	—	—	—	...	106,375	—	—
1899.....	—	—	—	—	—	—	...	133,000	—	—
1900.....	11,200	490	—	—	—	—	...	106,000	—	—
1901.....	318,052	13,784	—	—	—	—	...	120,000	—	—
1902.....	420,000	17,090	—	—	—	—	66	34,304	—	—
1903.....	—	—	—	—	—	—	...	74,119	—	—
1904.....	—	—	—	—	—	—	...	76,487	—	—
1905.....	—	—	—	—	—	—	...	109,672	—	—
1906.....	—	—	32,325	201,816	—	—	283	159,334	—	—
1907.....	—	—	36,885	262,990	—	—	318	224,197	—	—
1908.....	—	—	30,020	201,357	120	840	148	82,613	...	75,533
1909.....	—	—	44,864	315,633	330	2,503	128	93,298	...	68,565
1910.....	—	—	42,964	299,126	323	2,160	316	87,295	...	68,194
1911.....	—	—	49,994	356,453	991	5,531	217	69,465	...	63,637
1912.....	—	—	60,466	474,595	1,714	9,645	196	81,044	92,873	36,736
1913.....	—	—	56,576	418,008	515	3,335	626	125,488	...	30,805
1914.....	—	—	61,878	389,064	358	2,240	246	62,794	...	16,566
1915.....	40,401	2,262	47,296	274,831	14,779	126,584	217	50,390	...	18,086
1916.....	698,760	59,485	52,460	267,119	54,778	554,304	844	192,343	93,782	16,223
1917.....	1,378,001	153,468	51,467	335,012	58,090	728,275	774	286,730	...	9,201
1918.....	2,110,059	195,180	53,472	418,888	39,365	1,016,765	481	229,119	...	7,609
1919.....	2,280,000	158,825	62,889	493,762	11,273	328,465	2,429	218,437	...	13,257
1920.....	905,472	80,949	73,787	826,044	18,378	512,756	737	281,460	24,219	10,109
1921.....	595,881	34,215	71,416	790,503	2,927	74,109	484	41,172	19,626	7,278
1922.....	—	—	79,076	689,799	2,849	76,294	1,360	97,748	12,161	3,692
1923.....	520,041	37,334	82,527	634,213	4,801	134,382	1,545	216,684	5,421	2,408
1924.....	1,058,983	85,820	83,526	699,937	3,873	101,356	1,677	185,020	7,683	2,288
1925.....	2,051,100	187,060	88,978	673,330	5,576	122,325	2,415	187,800	7,122	2,961
1926.....	3,729,636	251,788	99,737	766,116	4,571	137,431	1,664	170,118	6,956	2,444
1927.....	6,496,577	341,461	107,653	806,665	7,337	230,309	1,454	99,194	10,330	1,813
1928.....	6,218,336	284,520	114,130	896,782	13,195	346,990	1,101	54,224	15,415	5,608
1929.....	5,358,304	270,616	116,892	1,264,194	18,809	491,170	1,062	72,630	12,205	2,488
1930.....	—	—	129,350	967,650	13,336	336,162	430	61,729	12,941	3,727
1931.....	—	—	111,496	804,218	11,411	295,579	290	30,601	19,868	4,746
1932.....	—	—	93,813	587,901	...	262,860	41	4,076	15,506	4,697
1933.....	—	—	110,334	647,558	...	360,128	256	39,060	9,024	3,094
1934.....	—	—	108,690	631,984	...	382,927	322	85,967	75,665	16,116
1935.....	2,047,624	64,156	116,473	678,866	...	486,084	373	74,894	126,616	15,113
1936.....	2,047,689	80,126	133,254	718,585	...	768,742	272	63,123	131,186	17,399
1937.....	1,521,182	77,732	156,313	909,116	...	677,207	546	124,594	198,319	19,697
1938.....	—	—	137,314	843,331	...	420,261	218	72,982	159,893	19,033
1939.....	—	—	161,112	983,072	...	474,418	434	122,243	104,629	17,503
1940.....	—	—	233,419	1,480,466	...	897,016	436	202,583	109,025	18,466
1941.....	—	—	306,515	2,062,744	...	831,041	802	284,563	144,441	58,062
1942.....	437,634	14,713	348,567	2,323,707	...	1,059,374	1,329	285,263	129,062	60,316
1943.....	2,435,523	91,430	382,432	2,667,391	...	1,260,056	1,543	245,846	125,605	61,703
1944.....	10,487,842	471,953	339,082	2,504,078	...	1,139,281	1,137	178,899	148,965	78,226
1945.....	9,229,726	461,486	311,057	2,195,837	...	1,278,596	1,428	121,011	236,474	125,523
1946.....	7,359,708	496,780	296,493	2,304,826	...	1,225,593	1,199	108,667	211,842	121,526
1947.....	8,175,577	1,117,601	349,038	2,903,491	...	1,167,484	1,636	120,712	195,452	116,840
1948.....	9,521,844	1,717,741	393,593	3,707,633	...	1,587,709	2,138	173,744	190,139	109,789
1949.....	11,598,163	1,832,510	329,973	3,175,121	...	1,536,200	987	71,217	304,216	145,830
1950.....	15,352,770	2,218,475	393,905	3,823,901	...	1,717,879	1,132	90,213	316,654	158,457
1951.....	15,512,623	2,854,323	460,842	4,612,387	...	2,148,940	1,665	125,753	322,800	146,521
1952.....	21,039,859	3,406,353	408,522	4,056,100	...	2,161,472	585	79,544	309,125	165,593
1953.....	18,473,850	2,387,930	424,305	4,236,639	...	2,016,640	739	99,080	309,285	165,334
1954.....	15,635,942	2,084,271	445,892	4,371,797	...	1,909,163	652	78,351	282,078	147,307
1955.....	11,216,005	1,612,862	461,805	4,448,525	...	2,151,820	548	73,734	303,110	158,495

1. Data are not available by provinces from 1892 to 1905.

2. Includes brucite.

3. No record.

In 1948—manganese ore, test lot, 3 tons valued at \$88.

In 1942—magnesium produced in Ontario from Quebec brucite, 141,081 pounds valued at \$62,076.

Magnesium:

lb.

\$

1947.....	386,293	71,464
1948.....	747,127	136,780
1951.....	931,719	288,833
1952.....	1,749,190	533,794
1953.....	3,239,427	1,039,752
1954.....	8,298,784	2,485,117
1955.....	6,547,665	1,916,829



## The Mineral Production of Quebec - Continued

Year	Molybdenite		Peat		Phosphate		Pyrites (sulphur content) <sup>2</sup>		Quartz	
	pounds	\$	tons	\$	tons	\$	tons	\$	tons	\$
1886	—	—	—	—	19,435	288,603	17,162	193,077	—	—
1887	—	—	—	—	19,589	264,452	15,217	171,194	—	—
1888	—	—	—	—	20,396	219,779	25,392	285,656	—	—
1889	—	—	—	—	27,552	287,400	28,890	307,292	—	—
1890	—	—	—	—	27,172	309,980	19,691	221,522	200	1,000
1891	—	—	—	—	20,244	206,416	25,542	203,193	—	—
1892	—	—	—	—	10,231	134,964	26,000	179,310	—	—
1893	—	—	—	—	7,650	60,076	22,245	175,626	100	500
1894	—	—	—	—	6,861	41,166	16,616	121,581	—	—
1895	—	—	—	—	1,822	9,565	14,021	102,594	—	—
1896	—	—	—	—	570	3,420	13,823	101,155	10	50
1897	—	—	—	—	908	3,984	15,953	116,730	—	—
1898	—	—	—	—	632	3,160	13,209	128,872	284	570
1899	—	—	—	—	1,279	7,674	11,352	110,748	600	1,260
1900	—	—	—	—	1,270	6,090	15,494	151,164	—	—
1901	—	—	—	—	1,033	6,280	11,587	113,044	—	—
1902	—	—	—	—	856	4,953	13,509	131,796	—	—
1903	—	—	—	—	1,329	8,214	10,857	105,924	—	—
1904	—	—	—	—	817	4,590	9,729	95,000	—	—
1905	—	—	—	—	1,300	8,425	10,662	104,016	—	—
1906	—	—	—	—	600	4,500	13,263	129,392	—	—
1907	—	—	—	—	408	3,410	12,151	158,772	—	—
1908	—	—	—	—	598	5,900	10,905	159,588	—	—
1909	—	—	—	—	525	4,800	14,473	130,000	—	—
1910	—	—	70	280	1,456	12,386	9,939	102,162	805	1,006
1911	—	—	200	800	586	4,909	16,341	247,555	548	684
1912	—	—	500	2,000	164	1,640	25,843	243,396	556	1,240
1913	—	—	2,000	8,000	385	3,643	31,528	349,265	1,008	2,000
1914	—	—	—	—	554	4,875	48,520	470,792	847	847
1915	—	—	—	—	200	2,400	58,078	570,940	778	778
1916	—	—	—	—	190	2,340	53,030	523,272	1,149	1,436
1917	216,693	216,693	—	—	123	1,230	50,436	501,351	550	1,788
1918	333,318	383,315	—	—	140	1,200	50,988	507,802	1,730	5,383
1919	83,002	69,203	486	4,811	22	300	21,627	203,222	2,221	7,773
1920	—	—	—	—	—	—	5,927	44,451	1,986	5,558
1921	—	—	—	—	30	450	791	10,463	5,994	29,824
1922	—	—	—	—	131	1,320	—	—	10,994	53,023
1923	—	—	—	—	30	600	—	—	13,376	68,936
1924	18,739	9,370	—	—	—	—	1,728	10,619	17,893	87,267
1925	22,350	11,176	—	—	16	189	6,125	36,750	6,459	30,064
1926	20,943	10,472	—	—	40	800	7,342	42,117	24,550	107,779
1927	—	—	—	—	31	399	6,561	42,795	49,141	132,615
1928	—	—	—	—	91	1,126	1,552	12,061	64,577	143,067
1929	16,150	6,400	1,607	8,839	40	800	9,926	73,119	46,444	132,532
1930	—	—	2,219	9,330	40	760	12,653	93,038	49,561	119,668
1931	—	—	1,170	5,937	—	—	14,586	108,617	26,987	69,759
1932	—	—	762	2,286	1,316	12,333	17,954	133,838	20,123	71,645
1933	—	—	681	2,549	105	805	19,167	146,261	28,294	109,533
1934	—	—	—	—	81	683	4,908	50,398	57,208	229,817
1935	—	—	—	—	116	1,043	7,370	47,779	51,948	226,839
1936	—	—	45	255	525	4,927	43,084	282,743	78,975	320,634
1937	—	—	—	—	100	900	28,534	194,496	127,535	448,327
1938	—	—	—	—	208	1,886	16,580	98,261	85,153	315,251
1939	2,240	600	—	—	157	1,712	61,476	275,951	104,827	369,172
1940	22,251	10,280	—	—	358	4,039	61,728	212,012	109,090	321,891
1941	196,600	88,470	7,265 <sup>1</sup>	173,639	2,487	33,376	146,826	575,422	147,318	388,948
1942	222,276	131,906	12,982 <sup>1</sup>	197,560	930	12,973	168,832	675,965	203,219	543,817
1943	784,715	549,515	14,920	302,747	1,050	14,272	136,007	545,229	214,959	605,916
1944	2,124,693	1,078,616	19,477	363,321	482	6,716	116,887	453,501	236,091	639,429
1945	978,117	411,663	18,517	387,499	291	4,236	105,613	445,534	195,857	626,079
1946	736,400	295,640	62,382	501,073	57	869	92,716	375,328	214,076	612,128
1947	759,795	309,048	21,292	383,795	—	—	48,688	187,112	226,050	638,521
1948	304,762	137,143	24,622	434,125	—	—	69,463	263,330	331,055	767,118
1949	—	—	21,168	445,636	20	291	88,804	348,807	165,792	380,477
1950	103,550	60,059	17,873	360,459	23	357	144,675	627,594	182,727	498,852
1951	381,596	228,958	21,657	436,833	—	—	161,489	895,253	220,698	579,633
1952	505,964	409,831	19,609	405,852	—	—	N.A.	1,567,953	189,856	583,644
1953	323,907	215,527	22,021	587,871	—	—	"	1,211,343	165,706	603,524
1954	752,417	457,912	27,784	730,250	—	—	"	1,854,489	83,507	234,007
1955	1,389,177	823,954	32,383	638,696	—	—	"	2,550,557	244,702	791,606

1. Moss only: In 1943—522 tons peat fuel valued at \$4,440.  
In 1944—444 tons peat fuel valued at \$3,597.
2. 1886-1890, sulphur content assumed to be 40% of pyrite shipped.  
1891-1910, sulphur content assumed to be 41% of pyrite shipped.



## The Mineral Production of Quebec — Continued

Year	Sand and gravel		Selenium		Silver		Stone <sup>2</sup>			
							Granite		Limestone	
	tons	\$	pounds	\$	fine oz.	\$	tons	\$	tons	\$
1886 .....	—	—	—	—	—	—	—	—	—	—
1887 .....	—	—	—	—	146,898	143,666	—	—	—	—
1888 .....	—	—	—	—	149,388	140,425	—	—	—	—
1889 .....	—	—	—	—	148,517	139,012	—	—	—	—
1890 .....	—	—	—	—	171,545	179,436	—	—	—	—
1891 .....	—	—	—	—	185,584	183,357	—	—	—	—
1892 .....	—	—	—	—	191,910	168,113	—	—	—	—
1893 .....	—	—	—	—	161,675	126,439	—	—	—	—
1894 .....	—	—	—	—	101,318	63,830	—	—	—	—
1895 .....	—	—	—	—	81,753	53,369	—	—	—	—
1896 .....	—	—	—	—	70,000	46,942	—	—	—	—
1897 .....	—	—	—	—	80,475	48,116	—	—	—	—
1898 .....	—	—	—	—	74,932	43,655	—	—	—	—
1899 .....	—	—	—	—	40,231	23,970	—	—	—	—
1900 .....	—	—	—	—	58,400	35,817	—	—	—	—
1901 .....	—	—	—	—	41,459	24,440	—	—	—	—
1902 .....	—	—	—	—	42,500	22,168	—	—	—	—
1903 .....	—	—	—	—	28,600	15,287	—	—	—	—
1904 .....	—	—	—	—	15,000	8,583	—	—	—	—
1905 .....	—	—	—	—	19,620	11,841	—	—	—	—
1906 .....	—	—	—	—	17,686	11,813	—	—	—	—
1907 .....	—	—	—	—	16,000	10,452	—	—	—	—
1908 .....	—	—	—	—	13,299	7,030	—	—	—	—
1909 .....	—	—	—	—	13,233	6,815	...	257,096	...	972,253
1910 .....	—	—	—	—	7,593	4,061	...	356,257	...	962,429
1911 .....	—	—	—	—	18,435	9,827	...	462,678	...	1,296,577
1912 .....	...	243,126	—	—	9,465	5,758	...	522,114	...	1,187,751
1913 .....	...	638,778	—	—	34,573	20,672	...	790,896	...	1,307,428
1914 .....	...	370,713	—	—	57,737	31,646	...	842,845	...	1,326,943
1915 .....	...	260,983	—	—	63,450	31,524	...	594,744	...	1,189,633
1916 .....	934,746	212,884	—	—	98,610	64,748	...	422,297	...	799,354
1917 .....	998,600	265,282	—	—	136,194	110,885	...	281,242	...	625,711
1918 .....	1	1	—	—	178,675	172,907	3	3	3	3
1919 .....	1	1	—	—	140,926	156,600	3	3	3	3
1920 .....	...	431,826	—	—	61,003	61,552	3	3	3	3
1921 .....	700,669	110,752	—	—	38,084	23,861	19,608	378,021	679,446	1,072,572
1922 .....	905,101	156,940	—	—	—	—	88,169	665,406	884,311	1,420,223
1923 .....	1,055,817	206,175	—	—	33,006	21,412	29,240	436,902	1,057,284	1,671,309
1924 .....	2,197,145	414,428	—	—	83,814	55,972	42,283	442,933	1,465,237	2,058,432
1925 .....	2,203,196	533,850	—	—	214,943	148,451	491,986	1,363,220	1,677,514	2,160,790
1926 .....	5,233,696	1,490,674	—	—	375,986	233,513	494,385	863,052	1,784,434	2,316,997
1927 .....	8,615,738	1,880,931	—	—	740,864	417,625	162,180	757,582	2,251,499	2,863,690
1928 .....	8,136,341	1,701,282	—	—	908,959	528,796	230,660	1,241,668	2,684,305	3,116,753
1929 .....	6,203,231	1,534,699	—	—	813,821	431,268	508,471	1,623,860	2,827,740	3,139,389
1930 .....	6,581,807	1,750,690	—	—	571,164	217,922	711,943	2,042,783	2,811,300	2,774,539
1931 .....	7,657,964	1,952,959	—	—	530,345	158,414	727,354	1,987,589	2,675,186	2,774,060
1932 .....	3,458,128	893,896	—	—	628,902	199,184	143,520	541,689	1,622,802	1,337,688
1933 .....	3,356,232	942,429	22,131	16,600	471,419	178,351	131,837	408,207	1,129,248	940,019
1934 .....	3,672,582	980,454	48,764	73,146	470,254	223,187	69,428	488,477	1,034,058	953,815
1935 .....	5,268,987	1,442,468	206,421	396,328	668,836	433,338	131,096	806,685	1,143,983	1,087,320
1936 .....	5,490,280	1,418,231	168,417	298,098	724,339	326,872	137,912	429,283	1,265,243	1,058,547
1937 .....	9,476,000	2,637,495	208,531	360,759	908,590	407,784	218,743	611,125	1,653,556	1,474,653
1938 .....	12,523,404	3,532,873	217,952	378,147	1,189,495	517,157	294,446	757,531	1,850,019	1,672,260
1939 .....	10,050,985	2,703,032	23,841	42,175	1,167,444	472,675	503,011	1,276,859	1,904,658	1,726,653
1940 .....	12,177,624	3,127,931	43,510	83,104	1,340,450	512,709	366,662	792,708	2,287,384	1,854,423
1941 .....	11,681,390	2,673,300	203,162	388,039	1,657,082	634,016	316,372	866,182	3,370,875	2,567,422
1942 .....	11,026,249	2,485,853	326,208	626,319	1,655,042	697,865	1,178,765	1,449,840	2,926,964	2,565,029
1943 .....	10,601,376	2,362,635	216,498	378,872	2,212,115	1,001,071	634,920	1,164,463	2,709,320	2,696,205
1944 .....	8,541,400	2,140,856	146,352	263,434	2,500,681	1,075,293	127,544	830,238	2,370,141	2,349,177
1945 .....	8,971,960	1,279,537	160,720	308,583	2,149,570	1,010,298	77,145	887,113	2,372,758	2,877,684
1946 .....	12,374,125	3,313,103	110,768	201,598	1,916,453	1,603,113	109,443	1,408,618	2,982,747	3,683,271
1947 .....	16,537,303	4,877,339	181,573	339,542	2,134,189	1,536,616	213,898	2,131,565	3,643,337	5,086,791
1948 .....	28,102,377	9,535,944	119,487	238,974	2,376,754	1,782,566	155,031	2,218,520	4,331,904	5,724,490
1949 .....	19,179,692	7,326,456	99,709	204,403	3,250,578	2,413,554	578,098	2,578,169	4,120,128	5,563,893
1950 .....	20,313,415	7,172,632	46,245	111,913	4,343,379	3,510,319	488,073	2,485,460	5,585,155	7,175,454
1951 .....	31,297,949	10,616,701	165,575	536,463	4,154,290	3,927,881	576,230	3,141,177	6,240,553	8,782,815
1952 .....	32,060,910	12,744,630	78,830	256,198	4,536,247	3,788,673	1,239,032	4,873,257	6,459,829	9,847,782
1953 .....	26,694,125	11,630,482	113,533	476,839	4,571,373	3,840,410	430,238	3,265,420	7,232,775	10,248,476
1954 .....	30,052,887	12,985,931	135,051	675,255	4,907,304	4,085,675	2,389,431	5,182,356	7,320,968	10,443,665
1955 .....	36,722,008	15,346,416	236,767	1,775,753	4,786,695	4,220,908	3,403,649	5,800,835	8,975,721	12,623,593

1. Included with other products.

2. Data not available prior to 1908.

3. Data not available by kinds; total values for all grades were—1918, \$952,402; 1919, \$1,441,919; 1920, \$2,189,425.

## The Mineral Production of Quebec - Continued

Year	Stone <sup>1</sup>						Talc and soapstone		Tellurium	
	Marble		Sandstone		Slate		tons	\$	pounds	\$
	tons	\$	tons	\$	tons	\$				
1886	—	—	—	—	5,314	90,689	50	400	—	—
1887	—	—	—	—	6,935	119,160	100	800	—	—
1888	—	—	—	—	6,368	100,250	140	280	—	—
1889	—	—	—	—	5,000	65,000	195	1,170	—	—
1890	—	—	—	—	5,180	69,070	917	1,239	—	—
1891	—	—	—	—	7,112	90,825	—	—	—	—
1892	—	—	—	—	...	75,550	1,374	6,240	—	—
1893	—	—	—	—	...	58,900	717	1,920	—	—
1894	—	—	—	—	...	53,370	916	1,640	—	—
1895	—	—	—	—	...	58,900	475	2,138	—	—
1896	—	—	—	—	...	53,370	410	1,230	—	—
1897	—	—	—	—	...	42,800	157	350	—	—
1898	—	—	—	—	...	40,791	405	1,000	—	—
1899	—	—	—	—	...	33,406	450	1,960	—	—
1900	—	—	—	—	...	12,100	—	—	—	—
1901	—	—	—	—	715	9,980	—	—	—	—
1902	—	—	—	—	...	19,200	—	—	—	—
1903	—	—	—	—	5,510 <sup>4</sup>	22,040	—	—	—	—
1904	—	—	—	—	5,277 <sup>4</sup>	23,247	—	—	—	—
1905	—	—	—	—	...	21,568	—	—	—	—
1906	—	—	—	—	...	24,446	—	—	—	—
1907	—	—	—	—	4,335 <sup>4</sup>	20,056	—	—	—	—
1908	2	2	—	—	2,950 <sup>4</sup>	13,496	—	—	—	—
1909	...	130,000	—	—	4,000 <sup>4</sup>	19,000	—	—	—	—
1910	...	151,000	—	—	3,959 <sup>4</sup>	18,492	—	—	—	—
1911	...	135,187	...	450	1,833 <sup>4</sup>	8,248	—	—	—	—
1912	...	247,838	—	—	1,894 <sup>4</sup>	8,939	—	—	—	—
1913	...	231,137	—	—	1,432 <sup>4</sup>	6,444	—	—	—	—
1914	...	98,890	...	17,400	1,075 <sup>4</sup>	4,837	—	—	—	—
1915	...	145,400	...	36,417	397 <sup>4</sup>	2,039	—	—	—	—
1916	...	118,810	...	30,004	1,262 <sup>4</sup>	6,223	—	—	—	—
1917	...	55,820	...	28,820	1,422 <sup>4</sup>	7,789	—	—	—	—
1918	3	3	3	3	933 <sup>4</sup>	5,124	—	—	—	—
1919	3	3	3	3	1,632 <sup>4</sup>	10,853	—	—	—	—
1920	3	3	3	3	...	14,200	150	1,050	—	—
1921	1,650	172,720	18,795	39,328	...	22,325	—	—	—	—
1922	1,912	231,894	12,963	24,793	1,899	14,871	150	4,950	—	—
1923	2,473	201,518	13,879	23,092	1,836	17,289	590	19,993	—	—
1924	4,379	322,455	80,190	101,700	—	—	449	20,273	—	—
1925	3,046	254,922	70,370	76,523	—	—	704	30,130	—	—
1926	4,709	507,817	22,206	40,362	—	—	885	38,209	—	—
1927	4,609	484,437	116,243	162,606	—	—	1,276	51,504	—	—
1928	6,643	380,307	70,584	110,472	—	—	...	40,171	—	—
1929	13,081	397,074	135,179	157,536	—	—	...	47,986	—	—
1930	11,619	717,362	283,264	218,102	—	—	...	50,168	—	—
1931	14,919	624,356	848,070	507,037	—	—	...	34,439	—	—
1932	9,832	206,502	470,671	275,022	—	—	...	46,751	—	—
1933	7,983	42,283	73,425	58,231	—	—	...	47,680	—	—
1934	9,302	47,503	86,364	85,822	306	458	...	44,297	—	—
1935	10,518	43,455	104,920	122,301	819	1,229	...	32,053	1,708	3,416
1936	17,866	138,294	92,228	102,388	803	855	...	32,770	19,502	34,519
1937	14,957	61,348	70,726	65,424	414	471	...	40,513	26,439	45,739
1938	8,838	46,580	42,587	51,010	494	547	...	35,038	41,577	71,512
1939	7,600	168,612	112,403	150,792	683	683	...	41,471	2,940	4,769
1940	8,767	50,652	92,378	129,179	639	639	...	74,905	—	—
1941	10,809	92,916	76,928	82,701	346	346	...	155,925	—	—
1942	9,429	58,714	72,894	92,724	158	158	14,369	136,529	—	—
1943	7,596	41,720	75,298	94,388	191	191	14,204	135,469	—	—
1944	6,489	50,569	89,470	104,629	198	198	19,013	204,127	—	—
1945	7,410	65,556	211,902	224,352	946	1,567	14,225	153,694	—	—
1946	13,134	138,564	380,318	398,858	617	954	14,914	150,004	—	—
1947	15,630	191,539	393,616	435,332	475	1,180	13,279	123,467	—	—
1948	18,075	259,720	375,404	538,304	345	863	14,479	145,361	—	—
1949	18,721	267,272	363,476	520,607	628	554	13,322	160,036	—	—
1950	20,602	250,114	632,454	830,225	445	445	17,209	181,263	—	—
1951	25,637	289,334	334,017	597,066	826	826	11,148	123,084	—	—
1952	26,999	313,678	104,616	246,916	500	500	12,578	130,901	—	—
1953	28,319	284,846	62,153	116,359	763	763	14,098	160,546	—	—
1954	25,559	310,455	170,757	278,888	646	646	14,437	165,472	530	928
1955	29,565	373,718	156,133	280,674	361	361	12,562	143,895	—	—

1. Data not available prior to 1918.

2. Included with other products.

3. Data not available by kinds; refer to footnote 3 on previous page.

4. 1903 to 1919 inclusive, recorded in squares.

Shale in 1954 - 204,000 tons valued at \$142,800.

1955 - 67,906 tons valued at \$50,525.

## The Mineral Production of Quebec — Concluded

Year	Titanium ore		Titanium dioxide		Tungsten concentrates		Zinc <sup>1</sup>		Other products
	tons	\$	tons	\$	pounds	\$	pounds	\$	\$
1886	—	—	—	—	—	—	—	—	—
1887	—	—	—	—	—	—	—	—	—
1888	—	—	—	—	—	—	—	—	—
1889	—	—	—	—	—	—	—	—	—
1890	—	—	—	—	—	—	—	—	—
1891	—	—	—	—	—	—	—	—	—
1892	—	—	—	—	—	—	—	—	—
1893	—	—	—	—	—	—	—	—	—
1894	—	—	—	—	—	—	—	—	—
1895	—	—	—	—	—	—	—	—	—
1896	—	—	—	—	—	—	—	—	—
1897	—	—	—	—	—	—	788,000	36,011	—
1898	—	—	—	—	—	—	—	—	—
1899	—	—	—	—	—	—	22,400	983	—
1900	—	—	—	—	—	—	—	—	—
1901	—	—	—	—	—	—	—	—	—
1902	—	—	—	—	—	—	—	—	—
1903	—	—	—	—	—	—	—	—	—
1904	—	—	—	—	—	—	—	—	—
1905	—	—	—	—	—	—	—	—	—
1906	—	—	—	—	—	—	—	—	—
1907	—	—	—	—	—	—	—	—	959,920
1908	—	—	—	—	—	—	—	—	—
1909	—	—	—	—	—	—	—	—	—
1910	—	—	—	—	—	—	—	—	—
1911	—	—	—	—	—	—	—	—	—
1912	—	—	—	—	—	—	—	—	—
1913	—	—	—	—	—	—	670,000	6,700	24,063
1914	—	—	—	—	—	—	1,938,000	10,017	5,180
1915	—	—	—	—	—	—	600,000	16,500	6,390
1916	—	—	—	—	—	—	1,663,200	212,956	129,275
1917	—	—	—	—	—	—	1,786,740	159,038	351
1918	—	—	—	—	—	—	2,802,928	228,691	182,902
1919	—	—	—	—	—	—	1,752,000	128,562	248,707
1920	—	—	—	—	—	—	1,120,200	85,931	—
1921	—	—	—	—	—	—	—	—	—
1922	—	—	—	—	—	—	—	—	—
1923	—	—	—	—	—	—	366,240	24,197	—
1924	—	—	—	—	—	—	2,909,008	184,547	—
1925	—	—	—	—	—	—	9,936,000	757,322	—
1926	—	—	—	—	—	—	12,904,176	956,199	—
1927	—	—	—	—	—	—	17,189,046	1,064,690	—
1928	—	—	—	—	—	—	21,057,760	1,156,745	—
1929	—	—	—	—	—	—	19,653,440	1,058,731	—
1930	—	—	—	—	—	—	9,754,160	351,150	—
1931	—	—	—	—	—	—	—	—	—
1932	—	—	—	—	—	—	—	—	—
1933	—	—	—	—	—	—	—	—	—
1934	—	—	—	—	—	—	—	—	—
1935	—	—	—	—	—	—	5,322,844	164,955	—
1936	—	—	—	—	—	—	6,896,123	228,606	—
1937	—	—	—	—	—	—	8,566,927	419,951	—
1938	—	—	—	—	—	—	5,315,852	163,356	—
1939	—	—	—	—	—	—	28,758,759	882,606	—
1940	—	—	—	—	—	—	27,696,721	944,735	—
1941	—	—	—	—	989	627	46,389,581	1,582,349	—
1942	—	—	—	—	2,981	2,612	73,940,811	2,522,121	—
1943	—	—	—	—	5,401	5,369	128,169,810	5,126,792	—
1944	—	—	—	—	—	—	137,378,439	5,907,273	—
1945	—	—	—	—	—	—	111,909,565	7,206,976	—
1946	—	—	—	—	—	—	89,650,129	7,001,675	—
1947	7,104	36,036	—	—	—	—	69,462,925	7,800,686	—
1948	4,441	21,091	—	—	—	—	95,758,039	13,339,095	—
1949	540	2,892	—	—	—	—	125,321,298	16,601,312	—
1950	1,253	7,706	1,596	149,565	—	—	171,638,318	26,861,397	—
1951	1,674	9,790	14,123	738,577	—	—	172,725,823	34,372,439	—
1952	51	456	30,805	1,238,103	—	—	189,797,061	33,138,567	—
1953	9,294	80,085	100,527	4,206,496	—	—	200,859,247	24,022,766	—
1954	1,541	9,462	88,408	3,841,270	—	—	214,002,774	25,637,532	—
1955	1,464	10,634	117,042	5,192,810	—	—	202,862,034	27,690,668	—

1. 1898-1900, pounds of zinc contained in ore or concentrates shipped from the mines; 1913-1915, pounds of ore shipped from mines; 1916-1955, pounds of zinc recovered by Canadian smelters plus estimated recoveries of exported ore and concentrates.



## The Mineral Production of Ontario

Year	Actinolite		Arsenious oxide		Asbestos		Barite		Bismuth	
	tons	\$	pounds	\$	tons	\$	tons	\$	pounds	\$
1886	—	—	240,000	5,460	—	—	—	—	—	—
1887	—	—	60,000	1,200	—	—	—	—	—	—
1888	—	—	60,000	1,200	—	—	—	—	—	—
1889	—	—	—	—	—	—	—	—	—	—
1890	—	—	50,000	1,500	—	—	—	—	—	—
1891	—	—	40,000	1,000	—	—	—	—	—	—
1892	—	—	—	—	—	—	—	—	—	—
1893	—	—	—	—	—	—	—	—	—	—
1894	—	—	14,000	420	—	—	—	—	—	—
1895	—	—	—	—	—	—	—	—	—	—
1896	—	—	—	—	—	—	—	—	—	—
1897	205	1,845	—	—	—	—	—	—	—	—
1898	—	—	—	—	—	—	—	—	—	—
1899	—	—	114,000	4,872	—	—	—	—	—	—
1900	—	—	606,000	22,725	—	—	—	—	—	—
1901	521	3,126	1,390,000	41,676	—	—	—	—	—	—
1902	550	4,400	1,600,000	48,000	—	—	—	—	—	—
1903	550	3,108	514,000	15,420	—	—	—	—	—	—
1904	—	—	—	—	—	—	—	—	—	—
1905	—	—	—	—	—	—	—	—	—	—
1906	—	—	402,000	14,058	—	—	—	—	—	—
1907	—	—	660,000	36,209	—	—	—	—	—	—
1908	—	—	1,431,000	41,060	—	—	—	—	—	—
1909	—	—	2,258,000	64,100	—	—	—	—	—	—
1910	30	330	3,004,000	75,328	—	—	—	—	—	—
1911	67	736	4,194,000	76,237	—	—	—	—	—	—
1912	92	1,000	4,090,000	89,262	—	—	—	—	—	—
1913	66	720	3,384,000	101,463	—	—	—	—	—	—
1914	119	1,304	3,474,000	104,015	—	—	—	—	—	—
1915	220	2,420	4,792,000	147,830	—	—	—	—	—	—
1916	250	2,750	4,372,000	262,349	—	—	—	—	—	—
1917	120	1,320	5,312,000	658,231	10	2,150	—	—	—	—
1918	228	2,508	4,964,000	520,525	—	—	60	1,020	—	—
1919	80	880	5,718,000	488,706	—	—	—	—	—	—
1920	100	1,160	3,662,000	425,617	—	—	—	—	—	—
1921	78	975	2,982,000	233,763	—	—	—	—	—	—
1922	50	575	4,116,000	299,940	—	—	—	—	—	—
1923	53	583	5,158,617	582,785	6	2,600	200	4,180	—	—
1924	90	1,225	3,745,225	313,281	172	91,900	—	—	12,863	27,913
1925	40	500	2,156,441	113,324	2	901	—	—	19,667	18,566
1926	80	1,000	4,055,477	135,549	14	3,935	—	—	6,440	6,440
1927	86	1,075	4,961,178	197,668	—	—	—	—	2,072	1,003
1928	70	875	4,097,226	178,149	—	—	—	—	14,002	5,067
1929	30	375	3,742,913	154,887	—	—	—	—	27,446	23,413
1930	34	437	2,750,887	109,932	—	—	—	—	12,732	6,366
1931	35	456	3,575,936	135,170	—	—	—	—	7,331	3,532
1932	—	—	2,424,342	98,714	—	—	—	—	16,798	7,289
1933	—	—	1,468,022	56,534	—	—	20	60	7,580	3,731
1934	30	365	1,647,513	56,412	—	—	—	—	7,552	3,444
1935	—	—	2,558,789	75,326	—	—	—	—	7,079	6,796
1936	—	—	1,365,606	42,491	—	—	—	—	3,552	3,516
1937	—	—	1,389,426	41,032	1	250	—	—	5,711	5,654
1938	—	—	2,175,646	56,538	—	—	—	—	9,516	9,754
1939	—	—	1,741,917	52,257	18	720	323	3,639	—	—
1940	—	—	2,093,275	62,798	—	—	305	4,577	17,789	24,620
1941	—	—	1,482,000	64,171	—	—	—	—	7,499	10,379
1942	—	—	1,504,049	152,331	—	—	—	—	2,333	3,219
1943	—	—	408,617	32,924	—	—	—	—	—	—
1944	—	—	358,955	26,922	—	—	—	—	—	—
1945	—	—	224,467	12,352	3	2,646	—	—	—	—
1946	—	—	325,231	16,684	...	279	—	—	—	—
1947	—	—	—	—	—	—	40	398	—	—
1948	—	—	767,764	55,663	—	—	47	473	5,362	10,724
1949	—	—	175,938	8,797	—	—	—	—	—	—
1950	—	—	247,557	16,220	10,518	1,493,039	—	—	—	—
1951	—	—	1,716,466	94,406	26,588	3,956,482	—	—	15,000	35,400
1952	—	—	1,588,381	71,477	23,096	3,983,815	—	—	—	—
1953	—	—	1,403,740	56,150	23,529	4,063,404	—	—	—	—
1954	—	—	1,180,350	48,333	21,389	3,581,955	—	—	—	—
1955	—	—	1,571,787	69,159	24,550	3,317,542	—	—	—	—

Antimony production: 1925—1,751 pounds valued at \$208.

1926—1,596 pounds valued at \$281.

Beryl crystals in 1929—4,456 pounds valued at \$114.

Beryllium ore in 1950—29 tons valued at \$7,882.

## The Mineral Production of Ontario—Continued

Year	Calcium		Cement <sup>2</sup>		Chromite		Clay products	Cobalt	
	pounds	\$	barrels	\$	tons	\$	\$	pounds	\$
1886.....	—	—	—	—	—	—	881,039	—	—
1887.....	—	—	—	—	—	—	1,187,453	—	—
1888.....	—	—	—	—	—	—	1,123,671	—	—
1889.....	—	—	—	—	—	—	1,182,397	—	—
1890.....	—	—	—	—	—	—	1,347,278	—	—
1891.....	—	—	—	—	—	—	1,076,154	—	—
1892.....	—	—	—	—	—	—	1,313,877	—	—
1893.....	—	—	—	—	—	—	—	—	—
1894.....	—	—	—	—	—	—	—	—	—
1895.....	—	—	—	—	—	—	—	—	—
1896.....	—	—	—	—	—	—	—	—	—
1897.....	—	—	—	—	—	—	—	—	—
1898.....	—	—	—	—	—	—	1,449,536	—	—
1899.....	—	—	—	—	—	—	1,828,936	—	—
1900.....	—	—	—	—	—	—	2,009,915	—	—
1901.....	—	—	—	—	—	—	2,222,620	—	—
1902.....	—	—	—	—	—	—	2,149,451	—	—
1903.....	—	—	—	—	—	—	2,402,520	—	—
1904.....	—	—	—	—	—	—	2,306,200	32,000	19,960
1905.....	—	—	—	—	—	—	2,696,500	236,000	100,000
1906.....	—	—	—	—	—	—	3,136,870	642,000	80,704
1907.....	—	—	—	—	—	—	3,123,372	1,478,000	104,426
1908.....	—	—	1,519,930	1,910,630	—	—	2,476,152	2,448,000	111,118
1909.....	—	—	2,462,027	3,084,218	—	—	3,425,841	3,066,000	94,965
1910.....	—	—	2,504,650	3,150,479	—	—	3,667,810	2,196,000	54,699
1911.....	—	—	3,090,786	3,741,039	—	—	3,916,575	1,704,000	170,890
1912.....	—	—	3,044,713	3,372,897	—	—	4,864,700	1,868,000	314,381
1913.....	—	—	3,992,988	4,311,183	—	—	5,220,467	1,642,000	420,386
1914.....	—	—	2,775,142	3,062,129	—	—	3,979,606	889,027	571,710
1915.....	—	—	2,407,670	2,597,807	—	—	2,254,863	504,212	536,268
1916.....	—	—	2,230,386	2,312,677	—	—	2,145,036	840,536	924,590
1917.....	—	—	1,676,904	2,267,610	—	—	2,575,304	1,079,572	1,727,315
1918.....	—	—	1,220,003	1,976,815	—	—	2,434,215	1,347,544	3,368,860
1919.....	—	—	2,023,280	3,650,585	—	—	4,574,796	530,371	1,325,928
1920.....	—	—	2,035,594	4,377,814	—	—	5,613,488	546,023	1,365,058
1921.....	—	—	2,723,071	6,424,356	—	—	5,183,125	251,986	755,958
1922.....	—	—	3,104,386	6,393,566	—	—	6,944,218	569,960	1,852,370
1923.....	—	—	3,296,428	5,855,589	—	—	6,270,615	888,061	2,530,974
1924.....	—	—	3,564,499	5,668,671	—	—	5,089,299	948,704	1,682,395
1925.....	—	—	3,462,358	5,253,911	—	—	5,195,084	1,116,492	2,328,517
1926.....	—	—	3,398,860	4,792,857	—	—	5,356,469	664,778	1,136,014
1927.....	—	—	3,751,786	5,144,326	—	—	5,853,035	880,590	1,764,534
1928.....	—	—	3,911,795	5,520,897	—	—	6,177,664	954,860	1,671,900
1929.....	—	—	4,624,712	6,608,246	—	—	6,830,162	929,415	1,801,915
1930.....	—	—	3,942,690	5,779,404	—	—	5,221,214	694,163	1,144,007
1931.....	—	—	3,470,056	5,006,826	—	—	3,552,800	521,051	651,179
1932.....	—	—	1,599,342	2,288,975	—	—	1,639,508	490,631	587,957
1933.....	—	—	1,095,845	1,587,812	—	—	1,024,579	466,702	597,752
1934.....	—	—	1,702,128	2,403,590	40	480	1,261,006	594,671	592,497
1935.....	—	—	1,243,836	1,752,148	798	9,576	1,370,225	681,419	512,705
1936.....	—	—	1,542,463	2,180,895	378	5,070	1,573,936	887,591	804,676
1937.....	—	—	2,650,652	3,657,067	4,062	39,964	2,033,845	507,064	848,145
1938.....	—	—	1,818,032	2,555,214	—	—	2,083,496	459,226	790,913
1939.....	—	—	1,709,263	2,437,777	—	—	2,346,638	732,561	1,213,454
1940.....	—	—	2,355,352	3,518,247	—	—	2,508,540	794,359	1,235,220
1941.....	—	—	2,748,854	4,019,656	—	—	3,087,616	263,257	255,904
1942.....	—	—	2,784,782	3,998,294	—	—	2,549,486	83,871	88,444 <sup>3</sup>
1943.....	—	—	1,972,009	2,872,732	—	—	2,453,829	175,961	191,407
1944.....	—	—	1,863,210	2,730,381	—	—	2,347,396	36,283	34,106
1945.....	22,720	19,312	2,460,996	3,805,131	—	—	3,107,189	109,123	90,026
1946.....	53,548	68,720	3,677,695	6,025,503	—	—	4,288,780	73,900	70,215
1947.....	602,665	642,607	3,529,438	6,219,993	—	—	5,289,528	572,673	875,564
1948.....	895,203	1,723,266	3,660,756	7,076,317	—	—	6,563,754	1,544,852	2,029,178
1949.....	520,609	1,041,218	4,599,322	9,155,613	—	—	7,435,439	619,065	952,469
1950.....	1	1	5,313,521	10,953,896	—	—	9,323,263	583,806	964,003
1951.....	1	1	5,438,101	12,494,677	—	—	10,484,341	951,607	1,999,612
1952.....	1	1	5,577,025	14,142,060	—	—	11,975,200	1,421,923	3,226,903
1953.....	1	1	7,078,181	18,497,744	—	—	14,829,222	1,602,545	4,013,077
1954.....	1	1	7,208,061	18,958,173	—	—	17,230,231	2,252,965	5,912,997
1955.....	1	1	7,664,434	19,707,042	—	—	18,314,320	3,296,270	8,510,314

1. Included in magnesium.

2. Data not available prior to 1908; cement produced in Ontario as early as 1867.

3. Exclusive of cobalt in ore placed on government stockpile at Deloro, Ontario.

Cerium, Rare earths, in 1955 were valued at \$988.

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Year	Copper		Corundum		Diatomite		Feldspar		Fluorspar	
	pounds	\$	tons	\$	tons	\$	tons	\$	tons	\$
1886	165,000	18,150	—	—	—	—	—	—	—	—
1887	322,524	36,284	—	—	—	—	—	—	—	—
1888	—	—	—	—	—	—	—	—	—	—
1889	1,466,752	201,678	—	—	—	—	—	—	—	—
1890	1,303,065	205,233	—	—	—	—	—	—	—	—
1891	4,127,697	531,234	—	—	—	—	—	—	—	—
1892	2,203,795	254,538	—	—	—	—	—	—	—	—
1893	3,641,504	391,461	—	—	—	—	—	—	—	—
1894	5,207,679	497,854	—	—	—	—	—	—	—	—
1895	4,576,337	492,414	—	—	—	—	—	—	—	—
1896	3,167,256	344,598	—	—	—	—	—	—	—	—
1897	5,500,652	621,023	—	—	—	—	—	—	—	—
1898	8,375,223	1,007,539	—	—	—	—	—	—	—	—
1899	5,723,324	1,007,877	—	—	—	—	—	—	—	—
1900	6,740,058	1,091,215	3	300	—	—	163	570	—	—
1901	8,695,831	1,401,507	387	46,415	—	—	4,816	9,632	—	—
1902	7,408,202	864,265	768	84,465	—	—	7,576	15,152	—	—
1903	7,172,533	949,285	703	77,510	—	—	13,910	18,934	—	—
1904	4,913,594	630,070	993	109,545	—	—	11,083	22,166	—	—
1905	8,779,259	1,368,686	1,644	149,153	—	—	11,700	23,400	12	84
1906	10,638,231	2,050,838	2,274	204,973	—	—	16,948	40,890	—	—
1907	14,104,337	2,821,432	1,892	177,922	—	—	12,584	29,819	—	—
1908	15,005,171	1,981,883	1,089	100,398	—	—	7,877	21,099	—	—
1909	15,746,699	2,044,237	1,491	162,492	—	—	12,686	38,664	—	—
1910	19,259,016	2,453,213	1,870	198,680	—	—	15,719	45,867	2	15
1911	17,932,263	2,219,297	1,472	161,873	—	—	17,706	51,684	34	238
1912	22,250,601	3,635,971	1,960	239,091	—	—	13,633	28,916	40	240
1913	25,885,929	3,952,522	1,177	137,036	—	—	16,716	59,241	—	—
1914	28,948,211	3,937,536	548	72,176	—	—	17,962	68,668	—	—
1915	39,361,464	6,799,693	262	33,138	—	—	13,987	55,796	—	—
1916	44,997,035	12,240,094	67	10,307	—	—	14,878	53,332	1,284	10,238
1917	42,867,774	11,651,461	188	32,153	—	—	18,274	81,622	4,249	68,756
1918	47,074,475	11,593,502	137	26,112	—	—	18,591	108,449	7,187	150,779
1919	24,346,623	4,550,627	—	—	—	—	13,754	73,158	3,425	59,281
1920	32,059,993	5,596,392	196	24,547	—	—	37,224	270,843	3,758	68,475
1921	12,821,385	1,602,930	403	55,965	—	—	20,115	150,457	116	1,744
1922	10,943,636	1,464,477	—	—	—	—	15,255	120,576	284	3,905
1923	31,656,800	4,565,227	—	—	—	—	17,199	134,822	64	597
1924	37,113,193	4,833,622	—	—	—	—	28,657	216,422	76	1,343
1925	39,718,777	5,577,311	—	—	—	—	17,394	141,059	12	200
1926	41,312,867	4,828,964	—	—	—	—	22,783	199,102	—	—
1927	45,341,295	4,946,533	—	—	—	—	17,119	154,533	—	—
1928	66,607,510	8,770,149	—	—	—	—	18,954	180,153	—	—
1929	88,879,853	14,622,572	—	—	—	—	21,737	206,979	70	1,120
1930	127,718,871	15,187,259	—	—	10	140	9,722	104,667	80	1,240
1931	112,882,625	9,096,463	—	—	60	840	7,962	100,119	40	620
1932	77,055,413	4,407,928	—	—	11	309	3,657	42,920	32	464
1933	145,504,720	10,118,847	—	—	28	1,298	4,387	45,350	73	1,064
1934	205,059,539	14,822,704	—	—	46	1,920	7,302	61,665	150	2,100
1935	252,027,928	19,295,965	—	—	100	4,600	8,656	75,003	75	900
1936	287,914,078	26,898,920	—	—	40	2,000	8,409	70,840	75	900
1937	322,039,208	41,716,364	—	—	38	1,868	9,061	72,610	150	2,550
1938	309,030,106	30,405,500	—	—	—	—	8,106	65,964	217	3,906
1939	328,429,665	32,637,305	—	—	5	280	7,061	51,056	240	4,995
1940	347,931,013	34,742,229	—	—	—	—	12,907	98,619	4,437	58,952
1941	333,829,767	33,192,644	—	—	—	—	11,822	107,124	5,234	93,867
1942	308,282,414	30,625,404	—	—	—	—	5,468	49,353	4,340	113,957
1943	277,840,560	32,232,027	—	—	—	—	6,659	61,549	10,385	301,424
1944	285,307,278	33,845,632	173	17,111	—	—	5,667	50,361	6,906	217,031
1945	239,450,875	29,771,633	1,317	130,393	—	—	3,857	35,414	7,369	233,708
1946	179,424,639	22,502,528	742	102,340	—	—	5,485	53,696	8,042	237,491
1947	227,867,613	46,018,544	—	—	—	—	6,958	60,396	7,186	209,886
1948	240,765,806	53,384,560	—	—	—	—	12,051	99,511	11,340	344,834
1949	226,085,423	44,658,786	—	—	—	—	5,100	43,610	6,400	187,875
1950	234,420,544	54,411,033	—	—	—	—	5,760	49,619	8,618	262,643
1951	257,616,806	70,861,789	—	—	—	—	12,749	125,727	6,286	223,398
1952	250,685,175	70,973,056	—	—	—	—	3,622	37,628	904	38,465
1953	261,164,653	77,587,439	—	—	100	12,000	2,655	28,018	876	38,887
1954	281,552,361	81,343,536	—	—	—	—	14,305	278,997	904	40,130
1955	292,813,108	107,215,943	—	—	—	—	—	—	730	29,796



## MINERAL STATISTICS

## The Mineral Production of Ontario— Continued

Year	Garnet		Gold		Graphite		Gypsum		Iron ore	
	tons	\$	fine oz.	\$	tons	\$	tons	\$	tons	\$
1886	—	—	—	—	—	—	5,826	12,000	16,032	...
1887	—	—	327	6,760	—	—	8,560	11,715	16,598	...
1888	—	—	—	—	—	—	6,700	10,200	16,894	...
1889	—	—	—	—	—	—	7,382	13,128	—	—
1890	—	—	—	—	—	—	6,200	8,075	5,000	...
1891	—	—	97	2,000	—	—	5,660	18,300	—	—
1892	—	—	344	7,118	—	—	4,320	5,399	—	—
1893	—	—	708	14,637	—	—	2,898	10,193	—	—
1894	—	—	1,917	39,624	—	—	2,369	6,187	—	—
1895	—	—	3,015	62,320	—	—	2,420	4,840	—	—
1896	—	—	5,563	115,000	650	13,000	3,305	7,786	15,270	...
1897	—	—	9,157	189,294	100	3,000	1,461	4,661	2,770	...
1898	—	—	12,863	265,889	300	6,000	1,087	4,201	21,111	63,077
1899	—	—	20,394	421,591	1,220	16,179	1,020	3,978	25,126	100,806
1900	—	—	14,391	297,495	1,500	24,000	1,095	4,331	82,950	...
1901	—	—	11,844	244,837	1,750	31,500	1,504	5,692	272,538	...
1902	—	—	11,118	229,828	795	15,900	1,917	7,699	359,288	...
1903	—	—	9,096	188,036	728	23,745	2,720	21,988	209,634	...
1904	—	—	1,935	40,000	367	8,980	2,390	18,350	141,601	...
1905	—	—	4,402	91,000	481	16,255	1,853	23,834	193,464	...
1906	—	—	3,202	66,193	262	10,000	2,965	24,420	141,078	337,918
1907	—	—	3,212	66,398	459	11,000	10,404	52,417	207,769	488,324
1908	—	—	3,212	66,398	210	5,040	10,380	42,456	216,177	528,475
1909	—	—	1,569	32,425	730	37,624	11,731	48,278	263,893	653,808
1910	—	—	3,089	63,849	1,237	58,087	15,055	67,229	231,445	513,722
1911	—	—	2,062	42,625	895	36,492	27,399	98,018	175,586	446,326
1912	—	—	86,523	1,788,596	1,456	66,442	53,119	176,056	112,321	222,490
1913	—	—	219,801	4,543,690	2,059	80,662	62,315	208,029	195,680	427,975
1914	—	—	268,264	5,545,509	1,386	88,317	81,219	204,033	240,079	531,200
1915	—	—	406,577	8,404,693	2,560	118,792	81,172	190,422	394,429	766,166
1916	—	—	492,481	10,180,485	3,476	249,586	36,668	116,086	271,967	706,799
1917	—	—	423,261	8,749,581	3,173	296,587	48,947	130,138	198,113	703,301
1918	—	—	411,976	8,516,299	2,934	208,852	38,214	151,564	201,119	833,722
1919	—	—	505,739	10,454,553	1,340	99,821	58,899	278,120	195,649	686,381
1920	—	—	564,995	11,679,483	1,957	133,704	74,707	404,162	126,900	507,600
1921	—	—	708,213	14,640,062	899	63,439	84,790	433,053	58,499	227,134
1922	—	—	1,000,340	20,678,862	573	29,853	110,227	621,668	16,190	52,054
1923	1,245	100,000	971,704	20,086,904	1,068	65,557	99,958	542,317	30,447	113,543
1924	360	7,200	1,241,728	25,668,795	1,288	72,842	88,121	467,097	44	110
1925	—	—	1,461,039	30,202,357	2,210	127,863	82,020	491,833	—	—
1926	—	—	1,497,215	30,950,180	2,401	165,344	89,987	496,059	—	—
1927	—	—	1,627,050	33,634,108	1,795	109,613	83,998	500,688	—	—
1928	—	—	1,578,434	32,629,126	1,047	52,373	85,611	553,271	—	—
1929	—	—	1,622,267	33,535,234	1,288	90,522	100,347	832,689	—	—
1930	—	—	1,736,012	35,886,532	1,338	86,542	94,946	776,069	—	—
1931	—	—	2,085,814	44,980,280	548	32,149	53,358	374,469	—	—
1932	—	—	2,280,105	53,534,743	346	18,483	35,655	186,175	—	—
1933	—	—	2,155,519	61,647,843	362	16,145	24,460	112,319	—	—
1934	—	—	2,105,339	72,634,195	1,389	64,998	33,234	141,389	—	—
1935	—	—	2,220,336	78,133,624	1,761	78,500	38,247	164,807	—	—
1936	—	—	2,378,503	83,318,960	—	88,812	40,191	182,783	—	—
1937	—	—	2,587,095	90,522,454	—	125,343	53,780	233,895	—	—
1938	—	—	2,896,477	101,883,578	—	41,590	57,503	242,470	—	—
1939	—	—	3,086,076	111,538,873	—	61,684	59,440	260,792	123,598	341,594
1940	—	—	3,261,688	125,574,988	—	94,038	75,271	313,512	414,603	1,211,305
1941	16	160	3,194,308	122,980,858	—	132,924	90,599	276,459	516,037	1,426,057
1942	17	176	2,763,819	106,407,032	—	117,904	82,796	304,170	545,119	1,516,142
1943	—	—	2,117,215	81,512,777	1,903	197,431	92,448	335,637	498,232	1,452,250
1944	3	90	1,731,836	66,675,686	1,582	171,166	90,288	348,873	553,252	1,909,608
1945	—	—	1,625,368	62,576,668	1,910	179,001	92,174	385,516	1,135,444	3,635,095
1946	2	1,200	1,813,333	66,639,988	1,975	180,405	122,524	492,179	1,549,523	6,822,947
1947	1	300	1,944,819	68,068,665	2,398	207,364	155,249	671,548	1,919,366	9,313,201
1948	2	200	2,095,377	73,338,195	2,539	239,931	182,303	770,004	1,336,565	7,482,860
1949	—	—	2,354,509	84,762,324	2,147	212,496	203,187	871,467	2,011,736	13,192,781
1950	3	240	2,481,110	94,406,236	3,586	390,815	199,314	875,217	2,435,716	17,562,059
1951	—	—	2,462,979	90,760,776	1,569	231,167	262,581	672,276	2,841,984	21,205,152
1952	—	—	2,513,691	86,144,190	2,040	255,732	278,992	1,060,429	2,717,490	19,632,551
1953	—	—	2,182,437	75,119,481	3,466	366,528	334,495	899,630	2,832,090	23,137,997
1954	—	—	2,361,385	80,452,387	2,452	253,441	357,432	822,094	2,416,911	20,365,003
1955	—	—	2,523,040	87,095,340	—	—	366,416	808,424	4,362,191	34,340,897

Grinding pebbles: 1920 — 560 tons, value not available.

1925 — 105 tons, value \$945.

1926 — 64 tons, value \$576.

Iron oxides in 1911 — 10 tons, value \$160.

## The Mineral Production of Ontario — Continued

Year	Lead		Lime		Mica		Mineral waters (natural)		Magnesium	
	pounds	\$	tons	\$	tons	\$	Imp. gal.	\$	pounds	\$
1886	—	—	27,421	140,290	...	22,017	—	—	—	—
1887	—	—	43,381	178,153	...	21,540	—	—	—	—
1888	—	—	45,372	169,194	15	30,207	—	—	—	—
1889	—	—	56,801	136,814	...	27,222	—	—	—	—
1890	—	—	43,224	185,602	...	58,484	—	—	—	—
1891	—	—	42,969	152,286	...	44,510	—	—	—	—
1892	—	—	—	—	...	81,745	—	—	—	—
1893	—	—	—	—	—	—	—	—	—	—
1894	—	—	—	—	—	—	—	—	—	—
1895	—	—	—	—	—	—	—	—	—	—
1896	—	—	65,800	222,000	—	—	—	—	—	—
1897	—	—	—	—	...	50,000	—	—	—	—
1898	—	—	91,700	308,000	...	12,000	—	—	—	—
1899	—	—	151,988	535,000	...	29,475	—	—	—	—
1900	—	—	139,405	544,000	...	60,000	—	—	—	—
1901	—	—	143,500	550,000	...	40,000	—	—	—	—
1902	—	—	150,500	617,000	993	101,600	—	—	—	—
1903	50,000	2,119	119,000	520,000	...	103,738	—	—	—	—
1904	885,090	38,135	91,000	406,800	...	84,290	—	—	—	—
1905	284,212	13,378	108,500	424,700	...	68,563	—	—	—	—
1906	2,200,000	124,454	100,975	496,785	291	144,579	—	—	—	—
1907	—	—	81,686	393,474	456	88,402	—	—	—	—
1908	—	—	73,071	358,507	288	57,258	...	61,526	—	—
1909	—	—	91,684	434,147	241	54,484	...	92,610	—	—
1910	—	—	104,581	476,137	442	103,090	...	111,369	—	—
1911	—	—	117,609	538,902	373	59,212	...	136,778	—	—
1912	—	—	118,167	573,269	384	62,932	...	131,529	—	—
1913	33,000	1,537	113,907	573,209	478	68,816	...	138,072	—	—
1914	—	—	118,758	556,850	349	46,267	...	115,215	—	—
1915	88,985	4,983	66,637	328,515	200	41,515	...	95,788	—	—
1916	685,932	58,393	71,099	367,115	364	62,896	...	110,333	—	—
1917	1,586,711	176,712	99,640	668,368	392	72,121	...	135,231	—	—
1918	1,684,366	155,804	93,128	762,976	266	42,431	...	145,400	—	—
1919	1,487,586	103,625	125,259	1,143,973	325	55,351	...	55,958	—	—
1920	2,255,520	201,643	178,837	1,962,086	1,466	94,562	...	14,473	—	—
1921	3,312,493	190,203	123,569	1,344,188	218	28,891	308,647	14,438	—	—
1922	2,890,397	180,216	174,306	1,767,543	1,989	54,515	209,072	10,528	—	—
1923	4,401,494	315,983	210,092	1,893,663	1,980	110,290	227,030	14,047	—	—
1924	5,055,368	409,687	189,676	1,840,152	2,414	172,252	201,670	13,133	—	—
1925	7,209,534	657,510	220,669	2,044,125	1,605	82,663	183,012	25,452	—	—
1926	7,398,795	580,730	228,296	2,051,446	881	59,086	208,400	27,277	—	—
1927	7,990,709	528,729	243,132	2,198,239	1,284	75,183	293,200	12,811	—	—
1928	6,814,757	402,289	277,186	2,467,843	2,559	32,944	253,630	27,890	—	—
1929	4,769,506	294,431	370,158	3,364,411	2,991	45,919	309,700	13,651	—	—
1930	2,193,856	116,034	252,066	2,177,587	740	34,275	214,200	20,754	—	—
1931	985,633	41,647	147,660	1,222,270	1,049	23,465	197,540	8,478	—	—
1932	86,477	1,828	166,703	1,273,230	268	2,752	61,208	2,473	—	—
1933	29,910	692	146,193	1,227,197	666	9,371	29,794	2,347	—	—
1934	21,558	525	191,041	1,536,289	618	9,059	21,775	1,622	—	—
1935	22,532	706	220,140	1,696,867	255	7,144	19,900	1,477	—	—
1936	17,442	683	245,593	1,946,060	529	11,433	23,100	1,117	—	—
1937	29,849	1,525	294,467	2,152,644	399	9,137	26,700	889	—	—
1938	22,363	748	270,478	1,989,259	252	6,445	28,416	2,586	—	—
1939	39,130	1,240	302,259	2,236,952	564	22,978	19,140	1,602	—	—
1940	345,455	11,614	372,534	2,752,787	458	31,962	31,638	2,426	—	—
1941	1,622,823	54,559	431,125	3,246,648	794	47,047	36,623	14,469	—	—
1942	3,183,159	107,018	415,698	3,125,574	1,400	89,243	28,023	14,189	473,910	208,520
1943	2,273,896	85,362	411,921	3,115,194	2,127	296,189	14,008	5,748	7,153,974	2,074,652
1944	1,065,741	47,958	429,285	3,311,177	1,743	646,745	7,185	805	10,579,878	2,575,695
1945	668,762	33,438	398,647	3,131,676	1,452	95,123	8,285	976	7,358,545	1,607,284
1946	669,244	47,199	412,171	3,316,231	2,534	66,952	6,000	878	320,677	75,538
1947	282,765	38,654	490,681	3,996,494	1,619	55,951	3,500	600	Not available for publication	
1948	343,883	62,036	508,130	4,761,521	1,563	37,674	2,400	470		
1949	—	—	529,983	5,569,550	469	31,566	2,475	410		
1950	—	—	571,490	6,030,228	581	158,865	2,175	440		
1951	—	—	619,769	6,921,916	513	314,435	2,500	450	1	3,618,219
1952	1,803,455	291,979	622,279	6,921,062	266	111,561	2,370	440	1	4,812,368
1953	656,755	84,892	659,062	7,714,252	233	59,168	300	150	1	5,295,840
1954	2,815,611	375,321	610,591	7,680,739	69	4,195	2,000	750	1	4,101,642
1955	3,853,603	554,148	698,245	8,420,382	21	946	3,573	2,015	1	4,668,580

1. Includes calcium.



## The Mineral Production of Ontario — Continued

Year	Molybdenite		Natural gas		Nepheline syenite		Nickel		Peat	
	pounds	\$	M cu.ft.	\$	tons	\$	pounds	\$	tons	\$
1886.....	—	—	—	—	—	—	—	—	—	—
1887.....	—	—	—	—	—	—	—	—	—	—
1888.....	—	—	—	—	—	—	—	—	—	—
1889.....	—	—	—	—	—	—	830,477	498,286	—	—
1890.....	—	—	—	—	—	—	1,435,742	933,232	—	—
1891.....	—	—	—	—	—	—	4,035,347	2,421,208	—	—
1892.....	—	—	...	150,000	—	—	2,413,717	1,399,956	—	—
1893.....	—	—	...	376,233	—	—	3,982,982	2,071,151	—	—
1894.....	—	—	...	313,754	—	—	4,907,430	1,870,958	—	—
1895.....	—	—	...	423,032	—	—	3,888,525	1,360,984	—	—
1896.....	—	—	...	276,301	—	—	3,397,113	1,188,990	—	—
1897.....	—	—	...	325,873	—	—	3,997,647	1,399,176	—	—
1898.....	—	—	...	322,123	—	—	5,517,690	1,820,838	—	—
1899.....	—	—	...	387,271	—	—	5,744,000	2,067,840	—	—
1900.....	—	—	...	417,094	—	—	7,080,227	3,327,707	400	1,200
1901.....	—	—	...	339,476	—	—	9,189,047	4,594,523	220	600
1902.....	—	—	...	195,992	—	—	10,693,410	5,025,903	475	1,663
1903.....	—	—	...	196,535	—	—	12,505,510	5,002,204	1,100	3,300
1904.....	—	—	...	253,524	—	—	10,547,883	4,219,153	800	2,400
1905.....	—	—	...	316,476	—	—	18,876,315	7,550,526	80	260
1906.....	—	—	...	533,446	—	—	21,490,955	8,948,834	474	1,422
1907.....	—	—	...	746,499	—	—	21,189,793	9,535,407	50	200
1908.....	—	—	...	949,297	—	—	19,143,111	8,231,538	60	180
1909.....	—	—	...	1,145,307	—	—	26,282,991	9,461,877	60	240
1910.....	—	—	...	1,271,303	—	—	37,271,033	11,181,310	771	2,324
1911.....	—	—	10,863,871	1,807,513	—	—	34,098,744	10,229,623	1,263	3,017
1912.....	—	—	12,529,463	2,036,245	—	—	44,841,542	13,452,463	200	900
1913.....	—	—	12,474,745	2,055,768	—	—	49,676,772	14,903,032	600	2,100
1914.....	...	1,500	14,094,521	2,215,808	—	—	45,517,937	13,655,381	685	2,470
1915.....	23,300	25,800	15,211,523	2,622,838	—	—	68,308,657	20,492,597	300	1,050
1916.....	—	—	17,953,190	2,765,105	—	—	82,958,564	29,035,497	300	1,500
1917.....	68,213	68,213	19,868,035	3,641,587	—	—	84,330,280	33,732,112	—	—
1918.....	42,931	49,371	13,029,524	2,884,460	—	—	92,507,293	37,002,917	—	—
1919.....	—	—	11,024,041	2,690,400	—	—	44,544,883	17,817,953	500	1,750
1920.....	—	—	10,529,374	2,920,731	—	—	61,335,706	24,534,282	4,550	18,650
1921.....	—	—	8,422,774	3,080,130	—	—	19,293,060	6,752,571	1,666	6,664
1922.....	—	—	8,060,114	4,076,296	—	—	17,597,123	6,158,993	3,000	14,500
1923.....	—	—	8,128,413	4,066,244	—	—	62,453,843	18,332,077	—	—
1924.....	—	—	7,150,078	3,798,381	—	—	69,536,350	19,470,178	—	—
1925.....	—	—	7,143,962	3,958,006	—	—	73,857,114	15,946,672	1,370	8,394
1926.....	—	—	7,764,996	4,409,593	—	—	65,714,294	14,374,163	—	—
1927.....	—	—	7,311,215	4,331,780	—	—	66,798,717	15,262,171	—	—
1928.....	—	—	7,632,800	4,535,312	—	—	96,755,578	22,818,907	1,497	5,845
1929.....	—	—	8,586,475	4,959,695	—	—	110,275,912	27,115,461	1,000	4,500
1930.....	—	—	7,965,761	5,034,828	—	—	103,768,857	24,455,133	628	1,602
1931.....	1,222	280	7,419,534	4,635,497	—	—	65,666,320	15,267,453	504	1,096
1932.....	—	—	7,386,154	4,719,297	—	—	30,327,968	7,179,862	2,486	5,307
1933.....	—	—	7,166,659	4,523,085	—	—	83,284,658	20,130,480	450	900
1934.....	—	—	7,682,851	4,741,368	—	—	128,687,340	32,139,425	1,878	7,343
1935.....	—	—	8,158,825	4,938,084	—	—	138,516,240	35,345,103	1,340	5,761
1936.....	—	—	10,006,743	6,052,294	3,988	37,426	169,739,393	43,876,525	1,296	7,121
1937.....	16,000	8,147	10,746,334	6,588,798	15,422	121,481	224,790,974	59,469,423	478	2,676
1938.....	14,000	4,500	10,952,806	6,460,764	31,208	142,737	210,572,738	53,914,494	620	3,500
1939.....	482	216	11,966,581	7,261,928	30,766	140,148	226,105,865	50,920,305	445	2,445
1940.....	—	—	13,053,403	7,745,834	20,510	117,849	245,557,871	59,822,591	30	75
1941.....	—	—	11,828,703	7,140,130	39,707	227,583	282,258,235	68,656,795	4,670 <sup>1</sup>	44,863
1942.....	423	150	10,476,770	6,809,901	42,206	246,893	285,211,803	69,998,427	9,599 <sup>2</sup>	148,933
1943.....	—	—	7,914,408	6,543,913	49,901	292,010	288,018,615	71,675,322	11,380	139,155
1944.....	2,815	1,082	7,082,508	4,694,097	47,625	217,989	274,598,629	69,204,152	12,690	146,620
1945.....	—	—	7,199,970	4,837,586	61,345	275,766	245,130,983	61,982,133	11,785	225,162
1946.....	—	—	7,051,309	4,656,528	61,261	229,198	192,124,537	45,385,155	17,320	229,801
1947.....	—	—	7,785,921	5,334,991	66,995	341,635	237,251,496	70,650,764	8,250	170,443
1948.....	—	—	8,590,429	6,958,247	74,386	506,462	263,479,163	86,904,235	7,261	189,447
1949.....	—	—	8,024,213	8,826,634	78,783	623,002	257,379,216	99,173,289	7,381	210,008
1950.....	—	—	8,009,488	3,203,795	65,638	842,886	247,317,867	112,104,685	5,613	206,625
1951.....	—	—	8,442,842	3,377,137	81,108	1,114,943	275,806,272	151,269,994	1,804	72,557
1952.....	—	—	8,302,190	3,320,876	82,681	1,111,950	281,117,072	151,349,438	1,939	69,013
1953.....	—	—	9,708,969	3,883,588	113,345	1,576,271	287,385,777	160,430,098	1,319	52,535
1954.....	—	—	10,015,818	4,006,327	123,669	1,770,528	316,019,050	176,556,296	640	19,809
1955.....	—	—	10,852,857	4,341,143	146,068	2,099,512	322,322,355	198,489,258	4,284	123,862

1. Includes 4,315 tons of moss valued at \$42,708.

2. Includes 9,427 tons of moss valued at \$147,729.



## The Mineral Production of Ontario — Continued

Year	Peat fuel		Petroleum		Platinum		Palladium		Other platinum metals <sup>1</sup>	
	tons	\$	barrels	\$	fine oz.	\$	fine oz.	\$	fine oz.	\$
1886.....	—	—	584,061	525,655	—	—	—	—	—	—
1887.....	—	—	713,728	556,708	—	—	—	—	—	—
1888.....	—	—	695,203	713,695	—	—	—	—	—	—
1889.....	—	—	704,690	653,600	—	—	—	—	—	—
1890.....	—	—	795,030	902,734	—	—	—	—	—	—
1891.....	—	—	755,298	1,010,211	—	—	—	—	—	—
1892.....	—	—	779,753	984,438	—	—	—	—	—	—
1893.....	—	—	798,406	874,255	—	—	—	—	—	—
1894.....	—	—	829,104	835,322	—	—	—	—	—	—
1895.....	—	—	726,138	1,086,738	—	—	—	—	—	—
1896.....	—	—	726,822	1,155,647	—	—	—	—	—	—
1897.....	—	—	709,857	1,011,546	—	—	—	—	—	—
1898.....	—	—	758,391	1,061,747	—	—	—	—	—	—
1899.....	—	—	808,570	1,202,020	—	—	—	—	—	—
1900.....	—	—	710,498	1,151,007	—	—	—	—	—	—
1901.....	—	—	622,392	1,008,275	—	—	—	—	—	—
1902.....	—	—	530,624	951,190	—	—	4,411	86,014	—	—
1903.....	—	—	486,637	1,048,874	—	—	3,177	61,952	—	—
1904.....	—	—	503,474	935,895	—	—	952	18,564	—	—
1905.....	—	—	634,095	856,028	—	—	1,562	28,116	—	—
1906.....	—	—	569,753	761,760	—	—	314	5,652	—	—
1907.....	—	—	788,872	1,057,088	—	—	—	—	—	—
1908.....	—	—	527,987	747,102	—	—	—	—	—	—
1909.....	—	—	420,755	559,604	—	—	—	—	—	—
1910.....	—	—	314,410	386,724	—	—	—	—	—	—
1911.....	—	—	288,631	354,054	—	—	—	—	—	—
1912.....	—	—	240,657	341,251	—	—	—	—	—	—
1913.....	—	—	225,969	402,677	—	—	—	—	—	—
1914.....	—	—	212,693	338,182	—	—	—	—	—	—
1915.....	—	—	214,444	299,149	—	—	—	—	—	—
1916.....	—	—	196,778	389,621	—	—	—	—	—	—
1917.....	—	—	202,991	473,477	—	—	—	—	—	—
1918.....	—	—	288,692	777,737	—	—	—	—	—	—
1919.....	—	—	219,804	625,342	25	1,447	62	3,534	—	—
1920.....	—	—	180,071	726,286	578	36,961	913	58,392	513	31,815
1921.....	—	—	172,859	559,198	269	20,184	591	38,267	57	9,690
1922.....	—	—	164,731	526,316	458	44,709	724	47,060	391	31,280
1923.....	—	—	159,400	478,149	1,210	141,010	1,732	138,560	304	45,000
1924.....	—	—	154,368	441,952	9,181	1,090,858	8,923	811,993	593	51,120
1925.....	—	—	143,134	386,555	8,692	1,027,477	—	—	8,288	648,969
1926.....	—	—	137,850	379,221	9,471	919,349	—	—	10,024	640,178
1927.....	—	—	139,606	288,347	11,217	716,653	—	—	11,545	554,190
1928.....	—	—	134,094	249,737	10,452	704,360	—	—	13,087	605,563
1929.....	—	—	121,104	253,678	12,474	843,928	—	—	17,141	802,453
1930.....	—	—	117,302	235,746	34,000	1,542,172	—	—	34,040	894,511
1931.....	—	—	122,365	219,993	44,725	1,595,117	—	—	46,918	1,217,717
1932.....	—	—	130,343	247,468	27,284	1,097,021	—	—	37,613	90,890
1933.....	—	—	136,058	253,486	24,746	856,190	—	—	31,009	645,043
1934.....	—	—	141,385	299,874	116,177	4,488,712	—	—	83,932	1,699,282
1935.....	—	—	165,041	346,156	105,335	3,444,455	—	—	84,772	1,962,937
1936.....	—	—	165,495	350,767	131,551	5,319,922	—	—	103,671	2,483,075
1937.....	—	—	165,205	356,000	139,355	6,751,750	—	—	119,829	3,179,782
1938.....	—	—	172,641	359,268	161,310	5,196,279	—	—	130,893	3,677,342
1939.....	—	—	206,379	401,430	148,877	5,221,712	—	—	135,402	4,199,622
1940.....	—	—	187,644	397,078	108,464	4,239,424	—	—	91,522	3,520,746
1941.....	—	—	160,238	337,760	124,257	4,747,860	—	—	97,432	3,396,304
1942.....	—	—	143,845	306,242	285,188	10,897,033	—	—	222,573	8,279,221
1943.....	—	—	132,492	311,356	219,706	8,458,681	—	—	126,004	5,233,068
1944.....	—	—	125,067	296,420	157,523	6,064,635	—	—	42,929	1,960,085
1945.....	—	—	113,325	268,478	208,234	8,017,010	—	—	458,674	18,671,074
1946.....	—	—	123,082	291,719	121,771	7,672,791	—	—	117,566	5,162,801
1947.....	95	950	131,295	350,000	94,570	5,582,467	—	—	110,332	4,387,740
1948.....	85	850	176,989	608,109	121,162	10,601,675	—	—	148,343	6,295,132
1949.....	56	560	260,670	901,143	153,691	11,595,986	—	—	182,225	8,289,063
1950.....	58	580	250,655	892,000	124,453	10,246,215	—	—	148,730	7,576,528
1951.....	30	300	197,171	677,905	153,461	14,540,430	—	—	164,905	7,950,107
1952.....	32	320	191,814	641,037	122,315	10,916,614	—	—	157,407	7,559,109
1953.....	—	—	299,685	994,835	137,545	12,550,981	—	—	166,018	7,495,409
1954.....	6	60	412,474	1,391,687	154,356	12,950,469	—	—	189,350	7,956,087
1955.....	—	—	525,510	1,599,335	170,494	14,747,732	—	—	214,252	8,321,633

1. Includes palladium since 1925.

## The Mineral Production of Ontario — Continued

Year	Phosphate		Quartz <sup>1</sup>		Salt		Sand and gravel		Selenium	
	tons	\$	tons	\$	tons	\$	tons	\$	pounds	\$
1886 .....	1,060	15,735	—	—	—	—	—	—	—	—
1887 .....	4,101	55,363	—	—	—	—	—	—	—	—
1888 .....	2,089	22,506	—	—	—	—	—	—	—	—
1889 .....	3,436	29,262	—	—	—	—	—	—	—	—
1890 .....	4,581	51,065	200	1,000	—	—	—	—	—	—
1891 .....	3,344	35,187	—	—	—	—	—	—	—	—
1892 .....	1,701	22,460	—	—	—	—	—	—	—	—
1893 .....	240	1,886	100	500	—	—	—	—	—	—
1894 .....	—	—	—	—	—	—	—	—	—	—
1895 .....	—	—	—	—	—	—	—	—	—	—
1896 .....	—	—	10	50	—	—	—	—	—	—
1897 .....	—	—	—	—	—	—	—	—	—	—
1898 .....	101	505	284	570	57,142	248,639	—	—	—	—
1899 .....	1,721	10,326	600	1,260	59,339	254,390	—	—	—	—
1900 .....	145	1,015	—	—	62,055	279,458	—	—	—	—
1901 .....	—	—	—	—	59,428	262,328	—	—	—	—
1902 .....	—	—	—	—	64,456	292,581	—	—	—	—
1903 .....	—	—	—	—	62,452	297,517	—	—	—	—
1904 .....	—	—	—	—	69,477	321,778	—	—	—	—
1905 .....	—	—	—	—	67,340	320,858	—	—	—	—
1906 .....	250	1,875	48,376	65,765	76,720	329,130	—	—	—	—
1907 .....	416	2,608	56,585	124,148	72,697	342,315	—	—	—	—
1908 .....	998	8,894	44,741	52,830	79,975	378,798	—	—	—	—
1909 .....	473	3,254	56,924	71,285	84,037	415,219	—	—	—	—
1910 .....	22	192	87,400	90,945	84,092	409,624	—	—	—	—
1911 .....	35	297	59,978	83,181	91,582	443,004	—	—	—	—
1912 .....	—	—	99,686	193,976	95,053	459,582	—	—	—	—
1913 .....	—	—	77,253	167,842	100,791	491,280	—	—	—	—
1914 .....	400	2,400	52,947	83,628	107,038	493,648	—	—	—	—
1915 .....	17	102	95,771	143,257	119,900	600,226	3,033,383	727,426	—	—
1916 .....	13	174	94,519	167,636	132,903	717,653	3,711,231	818,947	—	—
1917 .....	26	256	177,983	362,251	138,909	1,047,792	4,283,076	1,170,052	—	—
1918 .....	—	—	216,539	474,772	131,727	1,285,039	2	2	—	—
1919 .....	2	31	60,055	179,549	148,112	1,395,291	2	2	—	—
1920 .....	—	—	90,433	321,063	206,832	1,512,724	....	1,931,924	—	—
1921 .....	—	—	72,068	220,806	161,987	1,649,626	6,273,173	1,496,729	—	—
1922 .....	59	476	81,528	118,054	176,741	1,573,657	6,285,123	2,184,174	—	—
1923 .....	—	—	225,110	483,285	197,917	1,674,365	8,146,433	2,006,958	—	—
1924 .....	—	—	111,645	192,855	203,428	1,337,311	6,174,284	2,041,959	—	—
1925 .....	—	—	188,560	324,526	226,315	1,352,504	5,201,604	1,779,129	—	—
1926 .....	—	—	192,733	339,304	252,345	1,388,672	6,483,163	2,292,678	—	—
1927 .....	82	824	159,150	266,204	254,181	1,510,777	7,512,763	2,405,729	—	—
1928 .....	—	—	194,503	308,608	279,841	1,377,629	10,389,408	2,230,307	—	—
1929 .....	—	—	187,973	316,050	302,445	1,420,424	11,358,568	3,462,379	—	—
1930 .....	—	—	167,487	274,674	248,637	1,558,405	12,027,082	3,783,830	—	—
1931 .....	—	—	97,888	148,642	231,329	1,760,388	7,465,017	2,562,477	16,899	32,108
1932 .....	—	—	66,135	93,574	231,138	1,789,751	6,994,447	1,971,239	—	—
1933 .....	—	—	66,562	86,146	244,107	1,755,087	5,967,994	2,517,230	26,090	53,745
1934 .....	—	—	89,838	134,572	276,751	1,734,196	7,880,959	1,821,689	51,574	91,286
1935 .....	70	60	83,034	120,005	320,003	1,698,508	8,770,117	2,211,406	75,363	144,697
1936 .....	—	—	884,585	216,037	350,044	1,557,078	8,498,153	2,227,620	106,300	188,151
1937 .....	—	—	1,142,372	633,073	407,701	1,539,599	8,832,526	3,613,854	116,696	201,884
1938 .....	—	—	1,173,259	597,037	388,130	1,637,140	8,531,281	3,046,043	54,577	94,691
1939 .....	—	—	1,333,342	665,148	370,843	2,200,189	9,350,875	3,537,216	126,391	224,539
1940 .....	—	—	1,581,367	810,285	412,401	2,371,780	9,678,745	4,025,026	136,350	260,429
1941 .....	—	—	1,745,244	899,687	477,170	2,512,166	11,569,382	4,524,463	142,498	272,171
1942 .....	334	4,458	1,367,733	914,256	558,407	2,793,328	8,420,358	3,433,986	76,000	145,920
1943 .....	401	4,113	1,350,640	852,196	594,889	3,356,870	8,285,309	3,620,852	82,000	143,500
1944 .....	—	—	1,326,288	868,389	603,806	2,906,117	9,529,803	4,417,427	65,000	117,000
1945 .....	8	120	1,165,238	820,664	578,697	2,920,973	10,466,891	4,466,862	168,000	322,560
1946 .....	—	—	1,052,644	852,713	441,679	2,408,279	14,881,918	6,738,595	270,606	492,503
1947 .....	—	—	1,442,341	949,210	633,766	3,132,165	20,230,499	9,034,131	146,406	273,779
1948 .....	—	—	1,496,652	1,019,997	619,598	3,265,654	20,588,496	10,468,216	108,989	217,978
1949 .....	—	—	1,404,140	1,020,411	607,206	3,477,583	22,320,753	11,214,136	86,842	178,026
1950 .....	106	712	1,386,833	1,027,791	696,582	4,639,867	30,271,214	15,551,406	63,709	154,176
1951 .....	6	94	1,545,137	1,497,811	772,585	4,789,990	39,218,058	19,905,293	82,409	267,005
1952 .....	—	—	1,429,807	1,506,532	757,025	4,401,780	43,423,737	23,240,203	81,578	265,129
1953 .....	—	—	1,450,700	1,301,048	749,046	3,919,810	43,658,099	24,359,496	92,698	389,332
1954 .....	—	—	1,476,745	1,270,731	733,066	4,440,418	46,433,191	25,577,612	94,826	474,130
1955 .....	—	—	1,421,202	1,032,938	998,789	5,845,340	51,488,067	29,945,730	94,465	708,488

1. From 1936 includes low-grade silica fluxing sand.

2. Included with other products; data not available by provinces.

Radioactive products in 1955 — valued at \$487,054.



## The Mineral Production of Ontario — Continued

Year	Silica brick		Silver		Soapstone and talc		Strontium minerals		Sulphur <sup>1</sup>	
	M	\$	fine oz.	\$	tons	\$	tons	\$	tons	\$
1886	—	—	—	—	50	400	—	—	—	—
1887	—	—	190,495	186,304	100	800	—	—	—	—
1888	—	—	208,064	195,580	140	280	—	—	—	—
1889	—	—	181,609	169,986	195	1,170	—	—	—	—
1890	—	—	158,715	166,066	917	1,239	—	—	—	—
1891	—	—	225,633	222,926	—	—	—	—	—	—
1892	—	—	41,581	36,425	1,374	6,240	—	—	—	—
1893	—	—	...	8,689	717	1,920	—	—	—	—
1894	—	—	—	—	916	1,640	—	—	—	—
1895	—	—	—	—	475	2,138	—	—	—	—
1896	—	—	—	—	410	1,230	—	—	—	—
1897	—	—	5,000	2,990	157	350	—	—	—	—
1898	—	—	85,000	49,521	405	1,000	—	—	—	—
1899	—	—	202,000	120,352	450	1,960	—	—	—	—
1900	—	—	161,650	99,140	1,420	6,365	—	—	919	4,000
1901	—	—	151,400	89,250	259	842	—	—	2,870	17,500
1902	—	—	145,000	75,632	689	1,804	—	—	1,094	7,143
1903	—	—	17,777	9,502	990	2,739	—	—	3,076	21,789
1904	—	—	206,875	118,376	840	1,875	—	—	5,515	39,033
1905	—	—	2,451,356	1,479,442	500	1,800	—	—	3,007	21,470
1906	—	—	5,401,766	3,607,894	1,234	3,030	—	—	4,262	40,592
1907	—	—	9,982,363	6,521,178	1,534	4,602	—	—	6,809	53,719
1908	—	—	19,398,545	10,254,847	1,016	3,048	—	—	8,503	65,236
1909	—	—	24,822,099	12,784,126	4,350	10,300	—	—	12,031	92,812
1910	—	—	30,366,366	16,241,755	7,112	22,308	—	—	12,148	84,908
1911	—	—	30,540,754	16,279,443	7,300	22,100	—	—	17,552	118,265
1912	—	—	29,214,025	17,772,352	8,270	23,132	—	—	7,583	70,689
1913	—	—	28,411,261	16,987,377	12,250	45,980	—	—	33,484	171,925
1914	—	—	25,139,214	13,779,055	10,808	40,418	—	—	45,089	273,716
1915	—	—	22,748,609	11,302,419	11,885	40,554	—	—	58,079	414,250
1916	—	—	21,608,158	14,188,133	13,051	48,575	—	—	63,521	555,523
1917	—	—	19,301,835	15,714,975	15,778	76,139	—	—	102,456	1,080,866
1918	—	—	17,198,737	16,643,562	18,169	119,197	—	—	95,425	1,133,963
1919	—	—	12,117,878	13,465,628	18,542	115,795	48	336	42,206	285,832
1920	—	—	9,907,626	9,996,795	21,411	162,784	75	2,675	56,934	618,283
1921	—	—	9,761,607	6,116,037	9,967	140,390	—	—	10,133	101,306
1922	—	—	10,811,903	7,300,305	12,854	178,728	—	—	4,275	39,763
1923	—	—	10,540,943	6,838,226	9,531	125,124	—	—	9,551	99,716
1924	—	—	11,272,567	7,527,933	10,718	130,577	—	—	4,454	44,542
1925	—	—	10,529,131	7,271,944	13,678	174,116	—	—	261	8,799
1926	1,307	66,241	9,274,965	5,760,402	14,882	178,986	—	—	143	4,912
1927	553	28,549	9,307,953	5,246,893	15,138	181,981	—	—	176	6,077
1928	1,597	86,323	7,242,601	4,213,456	14,925	179,187	—	—	4,974	54,100
1929	1,566	80,374	8,890,726	4,711,462	15,463	180,492	—	—	4,579	51,516
1930	378	19,120	10,205,683	3,893,876	11,664	133,213	—	—	7,277	73,855
1931	279	13,702	7,438,951	2,222,014	11,806	122,044	—	—	6,508	65,080
1932	93	4,304	6,335,788	2,006,648	12,064	111,585	—	—	3,332	33,320
1933	183	7,351	4,535,680	1,715,975	15,114	142,134	—	—	8,196	81,960
1934	369	14,730	5,321,160	2,525,470	13,934	135,978	—	—	14,598	145,980
1935	493	22,976	5,161,651	3,344,229	13,710	138,161	—	—	13,292	132,920
1936	471	26,715	5,219,366	2,355,343	14,461	143,701	—	—	14,152	141,520
1937	818	59,980	4,693,047	2,106,286	12,457	123,301	—	—	14,009	140,090
1938	595	50,592	4,318,837	1,877,701	10,853	109,810	—	—	16,897	168,970
1939	603	49,595	4,689,422	1,898,653	13,144	128,595	—	—	16,126	161,260
1940	629	62,661	5,563,101	2,127,831	15,166	154,734	—	—	18,688	186,880
1941	1,283	118,922	4,977,476	1,904,432	18,171	204,884	27	280	10,057	100,570
1942	1,183	120,495	4,452,787	1,877,562	15,499	174,295	—	—	18,634	186,340
1943	1,052	125,722	2,671,320	1,208,879	11,959	131,216	—	—	16,907	169,070
1944	1,066	135,089	3,143,275	1,351,608	13,584	153,122	—	—	17,876	178,760
1945	1,168	131,398	3,185,369	1,497,123	12,863	141,194	—	—	16,847	168,470
1946	847	78,532	2,485,215	2,078,882	14,439	153,680	—	—	15,433	154,330
1947	1,111	12,157	2,342,032	1,686,263	13,430	142,910	—	—	15,931	159,310
1948	1,266	133,424	3,210,107	2,407,580	14,301	164,462	—	—	15,550	155,500
1949	1,194	148,258	2,562,859	1,902,923	13,600	160,757	—	—	12,630	126,300
1950	1,215	174,372	4,408,620	3,563,047	15,263	182,048	—	—	13,154	131,540
1951	1,217	204,831	4,520,094	4,273,749	13,698	160,540	—	—	15,605	156,050
1952	1,161	246,108	6,491,124	5,421,387	12,454	149,711	—	—	n.a.	183,460
1953	1,467	313,175	5,154,619	4,330,395	13,310	125,209	—	—	n.a.	371,300
1954	2,370	221,117	5,443,721	4,532,278	13,697	169,651	—	—	n.a.	495,980
1955	3,498	313,256	6,051,017	5,335,787	14,591	194,952	—	—	n.a.	571,000

1. 1900 to 1927, sulphur content of pyrite shipped; 1928 to date, sulphur content of pyrite shipped plus sulphur recovered from smelter gas.



## MINERAL STATISTICS

## The Mineral Production of Ontario — Continued

Year	Stone						Sandstone		Slate	
	Granite		Limestone		Marble					
	tons	\$	tons	\$	tons	\$	tons	\$	tons	\$
1909.....	...	42,700	...	639,674	...	3,441	...	62,824	—	—
1910.....	...	109,678	...	722,763	...	4,100	...	62,247	—	—
1911.....	...	131,816	...	680,461	...	25,996	...	54,032	—	—
1912.....	...	174,946	...	862,052	...	12,926	...	59,240	—	—
1913.....	...	324,062	...	1,196,130	...	18,238	...	54,738	—	—
1914.....	...	309,720	...	853,906	...	30,300	...	59,923	—	—
1915.....	...	140,894	...	634,728	...	10,927	...	19,588	—	—
1916.....	...	135,826	...	688,114	—	—	...	33,083	—	—
1917.....	...	119,301	...	808,658	—	—	...	64,516	—	—
1918.....	1	1	1	1	1	1	1	1	—	—
1919.....	1	1	1	1	1	1	1	1	—	—
1920.....	1	1	1	1	1	1	1	1	—	—
1921.....	165,418	233,353	2,547,625	3,927,836	—	—	3,037	6,393	—	—
1922.....	185,738	412,995	2,128,769	2,547,561	—	—	2,758	9,370	—	—
1923.....	188,998	293,454	2,436,453	2,542,320	—	—	5,473	23,378	—	—
1924.....	214,691	208,219	2,614,911	2,551,111	—	—	10,571	30,038	—	—
1925.....	263,567	242,150	2,750,115	2,530,621	—	—	9,030	44,562	—	—
1926.....	398,253	359,217	3,214,544	2,742,424	586	13,755	8,359	41,892	—	—
1927.....	390,679	294,098	3,854,421	3,716,419	—	—	9,860	50,192	—	—
1928.....	605,275	566,601	3,967,098	3,421,064	—	—	9,556	53,903	—	—
1929.....	850,927	926,977	4,380,706	3,759,357	—	—	8,039	49,929	—	—
1930.....	856,124	876,110	4,524,661	3,876,527	7,345	51,085	8,103	46,806	—	—
1931.....	133,905	232,557	3,215,697	2,594,328	4,323	29,173	5,439	25,386	—	—
1932.....	73,272	186,357	1,825,793	1,419,049	2,065	40,175	4,008	9,435	—	—
1933.....	19,650	39,433	1,222,752	910,419	2,614	21,083	8,890	12,333	—	—
1934.....	75,526	128,386	2,370,339	1,788,107	4,331	20,556	10,104	28,458	120	600
1935.....	44,473	93,465	2,061,206	1,680,810	4,726	35,210	12,536	54,407	—	—
1936.....	492,227	582,603	2,205,992	1,773,764	4,765	29,204	3,436	10,805	260	2,080
1937.....	625,160	769,860	3,582,175	2,841,469	6,685	27,247	8,680	22,934	300	2,258
1938.....	254,917	351,941	2,242,964	1,911,841	10,537	40,694	4,662	16,220	211	2,469
1939.....	495,619	625,880	1,931,285	1,624,618	6,519	30,642	4,124	16,322	47	649
1940.....	529,440	704,421	3,302,596	2,649,809	4,792	22,157	3,446	11,008	—	—
1941.....	152,426	388,325	3,353,856	2,832,056	6,540	30,365	13,420	27,190	—	—
1942.....	90,530	288,828	2,992,885	2,636,431	4,295	27,675	18,835	33,004	—	—
1943.....	79,582	212,136	3,114,460	2,704,205	4,167	24,852	7,818	17,190	—	—
1944.....	125,604	307,497	2,852,241	2,549,402	5,215	32,650	5,223	20,431	—	—
1945.....	109,286	279,105	2,833,573	2,582,663	5,818	45,081	3,680	19,845	—	—
1946.....	122,562	406,403	3,747,948	3,415,261	8,402	58,333	11,365	43,975	—	—
1947.....	192,273	784,408	4,607,202	4,908,328	29,659	129,726	15,513	84,447	—	—
1948.....	469,789	1,114,060	4,485,489	4,864,108	49,847	260,809	12,815	99,276	—	—
1949.....	452,649	1,461,131	5,150,245	5,611,134	33,131	174,083	13,503	134,109	—	—
1950.....	405,636	1,298,836	5,254,219	6,192,498	34,227	174,738	21,977	177,052	—	—
1951.....	487,496	1,485,446	7,531,536	8,513,829	38,113	196,986	22,942	200,389	—	—
1952.....	350,724	798,680	7,818,958	9,153,307	30,638	211,105	17,091	140,081	—	—
1953.....	381,141	1,045,358	8,390,852	10,359,697	31,336	262,145	15,557	151,382	—	—
1954.....	276,944	675,444	9,816,205	11,346,494	32,189	323,247	15,818	193,514	—	—
1955.....	444,140	1,013,510	12,233,730	14,765,784	33,699	258,813	27,570	269,868	—	—

1. 1918-1920 total values of all kinds of stone — 1918, \$1,079,745; 1919, \$1,936,268; 1920, \$4,035,478.

## The Mineral Production of Ontario — Concluded

Year	Tellurium		Tungsten concentrates		Zinc <sup>1</sup>		Other products
	pounds	\$	pounds	\$	pounds	\$	
1886.....	—	—	—	—	—	—	—
1887.....	—	—	—	—	—	—	—
1888.....	—	—	—	—	—	—	—
1889.....	—	—	—	—	—	—	—
1890.....	—	—	—	—	—	—	—
1891.....	—	—	—	—	—	—	—
1892.....	—	—	—	—	—	—	—
1893.....	—	—	—	—	—	—	—
1894.....	—	—	—	—	—	—	—
1895.....	—	—	—	—	—	—	—
1896.....	—	—	—	—	—	—	—
1897.....	—	—	—	—	—	—	—
1898.....	—	—	—	—	—	—	—
1899.....	—	—	—	—	814,000	46,805	—
1900.....	—	—	—	—	190,400	8,359	—
1901.....	—	—	—	—	—	—	—
1902.....	—	—	—	—	142,200	6,882	—
1903.....	—	—	—	—	900,000	48,600	—
1904.....	—	—	—	—	477,568	24,350	—
1905.....	—	—	—	—	—	—	—
1906.....	—	—	—	—	500	6,700	—
1907.....	—	—	—	—	217	3,000	—
1908.....	—	—	—	—	452	3,215	319,563 <sup>2,3</sup>
1909.....	—	—	—	—	895	8,950	383,875 <sup>2</sup>
1910.....	—	—	—	—	576	5,760	632,644 <sup>2</sup>
1911.....	—	—	—	—	—	—	408,110
1912.....	—	—	—	—	10	375	363,668
1913.....	—	—	—	—	—	—	638,771
1914.....	—	—	—	—	—	—	833,635
1915.....	—	—	—	—	—	—	—
1916.....	—	—	—	—	—	—	17,956
1917.....	—	—	—	—	—	—	—
1918.....	—	—	—	—	—	—	1,316,426
1919.....	—	—	—	—	147,692	10,838	1,192,516
1920.....	—	—	—	—	13,950	1,070	—
1921.....	—	—	—	—	—	—	—
1922.....	—	—	—	—	—	—	—
1923.....	—	—	—	—	—	—	—
1924.....	—	—	—	—	—	—	—
1925.....	—	—	—	—	179,545	13,685	—
1926.....	—	—	—	—	—	—	—
1927.....	—	—	—	—	—	—	—
1928.....	—	—	—	—	58,724	3,226	—
1929.....	—	—	—	—	5,516,806	297,190	—
1930.....	—	—	—	—	3,527,894	127,004	—
1931.....	—	—	—	—	—	—	—
1932.....	—	—	—	—	—	—	—
1933.....	—	—	—	—	—	—	—
1934.....	5,130	25,599	—	—	—	—	—
1935.....	14,275	28,550	—	—	—	—	—
1936.....	10,197	18,049	—	—	—	—	—
1937.....	6,651	11,506	—	—	120,011	5,883	—
1938.....	—	—	—	—	—	—	—
1939.....	—	—	—	—	—	—	—
1940.....	3,491	5,607	1,064	690	—	—	—
1941.....	11,453	18,394	3,830	2,432	1,100,949	37,553	—
1942.....	9,500	15,200	162,185	145,241	4,710,394	160,671	—
1943.....	8,600	15,050	494,405	356,478	3,299,812	131,993	—
1944.....	9,900	17,325	63,152	5,212	2,429,176	104,455	—
1945.....	—	—	787	714	237,799	15,314	—
1946.....	14,200	21,868	—	—	42,628	3,329	—
1947.....	6,169	10,796	—	—	—	—	—
1948.....	8,739	15,293	—	—	—	—	—
1949.....	8,726	15,707	—	—	—	—	—
1950.....	6,010	11,419	—	—	—	—	—
1951.....	6,301	11,594	—	—	—	—	—
1952.....	5,710	9,707	50,734	164,886	744,920	130,063	—
1953.....	4,525	7,919	48,780	132,685	171,787	20,546	—
1954.....	7,195	12,591	—	—	1,420,048	170,122	—
1955.....	6,455	11,296	—	—	3,095,640	422,555	—

1. 1898-1904, pounds of zinc contained in ores or concentrates shipped; 1905-1915, tons of ore or concentrates shipped; 1916-1955, pounds recovered by Canadian smelters and estimated recoveries by foreign smelters.

2. Includes sand-lime brick and sand and gravel.

3. Includes peat.

## The Mineral Production of Manitoba

Year	Cadmium		Cement		Clay products	Coal		Copper	
	pounds	\$	barrels	\$	\$	tons	\$	pounds	\$
1886	—	—	—	—	14,475	—	—	—	—
1887	—	—	—	—	8,125	—	—	—	—
1888	—	—	—	—	2,400	—	—	—	—
1889	—	—	—	—	19,636	—	—	—	—
1890	—	—	—	—	15,300	—	—	—	—
1891	—	—	—	—	13,300	—	—	—	—
1892	—	—	—	—	67,450	—	—	—	—
1893	—	—	—	—	1	—	—	—	—
1894	—	—	—	—	1	—	—	—	—
1895	—	—	—	—	1	—	—	—	—
1896	—	—	—	—	1	—	—	—	—
1897	—	—	—	—	1	—	—	—	—
1898	—	—	—	—	34,000	—	—	—	—
1899	—	—	—	—	25,000	—	—	—	—
1900	—	—	—	—	25,000	—	—	—	—
1901	—	—	—	—	20,000	—	—	—	—
1902	—	—	—	—	150,000 <sup>2</sup>	—	—	—	—
1903	—	—	—	—	150,000 <sup>2</sup>	—	—	—	—
1904	—	—	—	—	150,000 <sup>2</sup>	—	—	—	—
1905	—	—	—	—	588,735	—	—	—	—
1906	—	—	—	—	517,065	—	—	—	—
1907	—	—	—	—	466,432	—	—	—	—
1908	—	—	11,234	16,851	265,091	—	—	—	—
1909	—	—	8,600	8,600	559,008	—	—	—	—
1910	—	—	18,561	21,995	781,605	—	—	—	—
1911	—	—	21,350	28,289	834,428	—	—	—	—
1912	—	—	12,127	16,068	1,018,051	—	—	—	—
1913	—	—	179,342	326,856	514,358	—	—	—	—
1914	—	—	402,131	737,046	317,488	—	—	—	—
1915	—	—	339,554	625,369	93,674	—	—	—	—
1916	—	—	427,293	794,897	104,248	—	—	—	—
1917	—	—	544,949	1,175,669	114,651	—	—	1,116,000	303,329
1918	—	—	500,302	1,283,948	116,417	—	—	2,339,751	576,234
1919	—	—	—	—	131,737	—	—	3,348,000	625,775
1920	—	—	—	—	206,764	—	—	3,062,577	534,604
1921	—	—	—	—	208,982	—	—	—	—
1922	—	—	429,352	1,126,137	210,740	—	—	—	—
1923	—	—	320,218	817,664	160,134	—	—	—	—
1924	—	—	286,948	746,750	117,450	—	—	—	—
1925	—	—	407,395	1,037,929	173,794	—	—	—	—
1926	—	—	612,155	1,572,401	248,497	—	—	—	—
1927	—	—	551,698	1,378,121	201,464	—	—	—	—
1928	—	—	693,450	1,685,084	291,791	—	—	—	—
1929	—	—	1,000,258	2,350,606	362,240	—	—	—	—
1930	—	—	977,906	2,268,742	215,967	—	—	2,087,609	215,018
1931	—	—	544,160	1,267,892	122,628	1,306	3,797	45,821,432	3,835,254
1932	—	—	242,112	549,594	49,773	1,552	3,684	52,706,861	3,362,803
1933	—	—	129,540	295,351	20,966	3,880	9,214	38,163,181	2,844,989
1934	—	—	181,166	411,247	37,916	4,113	8,952	30,867,141	2,290,126
1935	—	—	266,457	604,857	74,755	3,106	7,408	38,011,371	2,963,146
1936	148,133	131,838	348,042	783,095	55,564	4,029	9,525	29,853,220	2,829,190
1937	164,223	269,326	328,518	745,736	95,531	3,172	7,709	44,920,835	5,874,747
1938	115,166	92,543	330,889	754,427	105,334	2,016	5,660	65,582,772	6,539,914
1939	73,830	52,029	343,717	773,363	78,892	1,138	3,110	70,458,890	7,110,711
1940	57,742	67,154	572,408	1,287,918	102,906	1,697	4,037	75,267,937	7,591,524
1941	61,085	71,714	576,648	1,274,392	84,817	1,246	3,411	67,018,563	6,759,492
1942	29,236	34,498	654,855	1,374,498	80,890	1,255	3,763	47,595,586	4,800,491
1943	20,983	24,130	793,913	1,503,413	132,382	—	2,964	38,014,872	4,466,747
1944	20,921	23,013	865,756	1,698,567	197,383	—	—	43,878,639	5,265,437
1945	27,891	27,612	959,398	2,027,629	269,917	—	—	41,126,155	5,161,332
1946	63,410	77,360	1,254,946	2,811,264	372,920	—	—	38,501,047	4,928,134
1947	75,030	129,052	1,352,109	3,009,157	392,518	—	—	30,631,768	6,245,817
1948	67,926	123,965	1,697,042	3,919,145	517,181	—	—	37,920,181	8,475,160
1949	70,800	145,140	1,502,308	3,538,122	514,705	—	—	33,920,148	6,774,871
1950	69,954	162,293	1,642,312	3,963,464	690,730	—	—	41,634,697	9,750,846
1951	47,333	126,852	1,539,612	4,108,752	673,698	—	—	31,677,863	8,774,768
1952	25,229	55,504	1,612,795	4,636,604	575,088	—	—	18,748,439	5,350,804
1953	30,987	61,974	1,614,301	4,676,137	568,477	—	—	18,822,890	5,635,573
1954	32,352	54,998	1,633,389	4,760,539	512,989	—	—	24,548,759	7,161,925
1955	47,347	80,490	1,944,194	5,509,812	635,554	—	—	38,759,042	14,438,505

1. Data not available by provinces.

2. Includes production of Alberta and Saskatchewan.

Cobalt in 1955: 16,330 pounds valued at \$37,267.



## The Mineral Production of Manitoba — Continued

Year	Feldspar		Gold		Gypsum		Lime		Natural gas	
	tons	\$	fine oz.	\$	tons	\$	bushels	\$	M cu. ft.	\$
1886	—	—	—	—	—	—	70	460	—	—
1887	—	—	—	—	—	—	1,148	8,500	—	—
1888	—	—	—	—	—	—	2,016	8,940	—	—
1889	—	—	—	—	—	—	1,836	6,646	—	—
1890	—	—	—	—	—	—	2,434	10,700	—	—
1891	—	—	—	—	—	—	—	—	—	—
1892	—	—	—	—	—	—	—	—	—	—
1893	—	—	—	—	—	—	—	—	—	—
1894	—	—	—	—	—	—	—	—	—	—
1895	—	—	—	—	—	—	—	—	—	—
1896	—	—	—	—	—	—	—	—	—	—
1897	—	—	—	—	—	—	—	—	—	—
1898	—	—	—	—	—	—	—	—	—	—
1899	—	—	—	—	—	—	—	—	—	—
1900	—	—	—	—	—	—	—	—	—	—
1901	—	—	—	—	600	7,800	—	—	—	—
1902	—	—	—	—	1,554	20,202	—	—	—	—
1903	—	—	—	—	3,160	20,510	—	—	—	—
1904	—	—	—	—	4,000	14,000	—	—	—	—
1905	—	—	—	—	4,500	31,500	—	—	—	—
1906	—	—	—	—	2,500	22,500	21,707	119,792	—	—
1907	—	—	—	—	—	—	15,104	84,793	—	—
1908	—	—	—	—	14,500	111,500	4,858	24,192	—	—
1909	—	—	—	—	17,000	170,000	14,838	69,670	—	—
1910	—	—	—	—	19,500	195,000	21,234	100,808	—	—
1911	—	—	—	—	43,000	372,000	24,741	140,629	—	—
1912	—	—	—	—	66,500	481,250	28,638	168,257	—	—
1913	—	—	—	—	65,100	479,500	20,193	107,281	—	—
1914	—	—	—	—	53,423	382,563	18,416	92,898	—	—
1915	—	—	—	—	20,278	139,721	9,850	71,372	—	—
1916	—	—	—	—	28,489	191,283	12,436	83,754	—	—
1917	—	—	440	9,095	33,347	258,934	13,789	92,932	—	—
1918	—	—	1,926	39,814	37,483	341,352	16,189	134,725	—	—
1919	—	—	724	14,966	32,903	371,337	16,676	147,131	—	—
1920	—	—	781	16,145	44,371	487,894	21,189	210,984	200	60
1921	—	—	207	4,279	40,859	480,282	14,465	136,375	200	60
1922	—	—	156	3,225	34,072	440,914	18,381	163,799	200	60
1923	—	—	31	641	31,575	386,554	18,344	161,226	200	60
1924	—	—	1,180	24,393	29,375	348,212	13,798	121,518	200	60
1925	—	—	4,424	91,452	35,088	417,868	15,761	170,230	200	60
1926	—	—	188	3,886	35,172	461,461	23,989	251,269	200	60
1927	—	—	182	3,762	39,895	512,008	22,714	246,279	200	60
1928	—	—	19,813	409,571	51,285	609,039	28,337	319,699	200	60
1929	—	—	22,455	464,186	67,269	631,051	32,246	361,104	600	180
1930	—	—	23,189	479,359	34,157	298,297	24,098	260,325	600	180
1931	—	—	102,969	2,220,512	23,076	231,124	21,014	207,401	600	180
1932	—	—	122,507	2,876,350	12,719	113,739	18,235	172,110	600	180
1933	88	484	125,310	3,583,866	6,830	65,471	18,032	167,640	600	180
1934	1,793	6,763	132,321	4,565,075	9,657	81,553	16,568	163,608	600	180
1935	2,084	6,252	142,613	5,018,551	10,500	85,885	18,615	185,517	600	180
1936	1,322	7,932	139,273	4,878,733	12,064	87,076	21,760	211,035	600	180
1937	—	—	157,949	5,526,636	13,941	88,095	22,597	215,165	600	180
1938	78	451	185,706	6,532,209	14,571	92,129	19,824	198,685	600	180
1939	40	330	180,875	6,537,063	15,961	98,578	20,032	196,190	600	180
1940	—	—	152,295	5,863,357	23,108	137,051	22,167	217,547	600	180
1941	—	—	150,553	5,796,290	27,601	162,822	27,100	273,492	1	1
1942	—	—	136,226	5,244,701	29,218	179,780	26,424	265,079	1	1
1943	—	—	91,775	3,533,337	37,989	380,529	30,038	307,819	1	1
1944	—	—	74,168	2,855,468	38,330	368,498	29,894	301,132	1	1
1945	—	—	70,655	2,720,218	42,275	300,636	31,495	313,193	—	—
1946	—	—	79,402	2,918,024	63,187	428,133	37,360	392,304	—	—
1947	—	—	72,906	2,551,710	79,356	525,197	40,397	460,717	—	—
1948	—	—	106,170	3,716,160	94,698	836,483	46,933	577,652	—	—
1949	—	—	137,399	4,946,364	94,918	797,723	51,019	673,156	—	—
1950	—	—	191,725	7,295,136	114,555	1,037,510	49,281	673,070	—	—
1951	—	—	163,914	6,040,231	262,581	672,276	53,024	778,490	—	—
1952	—	—	141,947	4,864,524	130,934	473,841	46,973	750,000	—	—
1953	—	—	131,309	4,519,656	163,313	414,401	50,981	787,032	—	—
1954	—	—	134,944	4,597,542	162,037	273,180	52,178	821,903	—	—
1955	—	—	123,888	4,276,614	176,005	291,708	57,510	886,901	—	—

1. No reports received: estimated in previous years.

Lead production in 1935 — 19,179 pounds, value \$601.

Lithium minerals in 1937 — quantity not recorded, value \$1,694.

Nickel in 1954 was 6,538,911 pounds valued at \$3,617,096.

Nickel in 1955 was 27,534,642 pounds valued at \$17,376,746.

## The Mineral Production of Manitoba - Continued

Year	Peat		Petroleum		Quartz		Salt		Sand and gravel	
	tons	\$	barrels	\$	tons	\$	tons	\$	tons	\$
1901 .....	—	—	—	—	—	—	—	—	—	—
1902 .....	—	—	—	—	—	—	—	—	—	—
1903 .....	—	—	—	—	—	—	—	—	—	—
1904 .....	—	—	—	—	—	—	—	—	—	—
1905 .....	—	—	—	—	—	—	—	—	—	—
1906 .....	—	—	—	—	—	—	—	—	—	—
1907 .....	—	—	—	—	—	—	—	—	—	—
1908 .....	—	—	—	—	—	—	—	—	—	—
1909 .....	—	—	—	—	—	—	—	—	—	—
1910 .....	—	—	—	—	—	—	—	—	—	—
1911 .....	—	—	—	—	—	—	—	—	—	—
1912 .....	—	—	—	—	—	—	—	—	...	101,653
1913 .....	—	—	—	—	—	—	—	—	...	197,719
1914 .....	—	—	—	—	—	—	—	—	...	314,081
1915 .....	—	—	—	—	—	—	—	—	484,244	203,666
1916 .....	—	—	—	—	—	—	—	—	1,157,605	243,542
1917 .....	—	—	—	—	—	—	—	—	638,802	289,081
1918 .....	—	—	—	—	—	—	—	—	—	—
1919 .....	—	—	—	—	—	—	—	—	—	—
1920 .....	—	—	—	—	—	—	—	—	—	—
1921 .....	—	—	—	—	—	—	—	—	—	—
1922 .....	—	—	—	—	—	—	—	—	780,231	207,415
1923 .....	—	—	—	—	—	—	—	—	595,549	123,478
1924 .....	—	—	—	—	—	—	—	—	359,535	81,897
1925 .....	—	—	—	—	—	—	—	—	727,152	196,601
1926 .....	—	—	—	—	—	—	—	—	989,581	178,059
1927 .....	—	—	—	—	—	—	—	—	1,333,580	228,655
1928 .....	—	—	—	—	1 <sup>1</sup>	360	—	—	1,653,929	262,006
1929 .....	—	—	—	—	10,045	35,610	—	—	1,782,085	322,430
1930 .....	—	—	—	—	—	—	—	—	1,253,103	453,944
1931 .....	—	—	—	—	67,214	76,624	—	—	871,986	294,178
1932 .....	—	—	—	—	87,453	102,493	508	7,092	440,309	188,974
1933 .....	—	—	—	—	7,736	23,507	1,499	18,388	288,214	108,828
1934 .....	—	—	—	—	931	3,031	1,664	20,137	334,026	95,426
1935 .....	—	—	—	—	147	220	1,538	18,765	1,399,659	404,730
1936 .....	—	—	—	—	90	45	2,498	32,151	1,852,606	545,130
1937 .....	—	—	—	—	—	—	3,391	43,485	1,380,957	551,464
1938 .....	—	—	—	—	—	—	2,920	34,979	1,216,084	645,812
1939 .....	—	—	—	—	—	—	2,453	35,888	1,363,593	514,404
1940 .....	—	—	—	—	—	—	3,076	45,731	1,851,645	839,993
1941 .....	1,457	32,342	—	—	—	—	13,051	115,367	1,503,901	429,996
1942 .....	2,224	55,832	—	—	—	—	22,706	397,101	1,443,001	427,150
1943 .....	2,042	72,687	—	—	—	—	27,523	497,227	1,048,673	293,938
1944 .....	1,128	41,878	—	—	—	—	27,267	488,776	1,102,448	296,086
1945 .....	1,181	43,243	—	—	—	—	27,133	449,561	1,497,062	516,380
1946 .....	1,771	65,039	—	—	—	—	26,166	446,472	1,333,890	416,431
1947 .....	1,845	76,291	—	—	—	—	24,974	449,608	1,765,976	549,640
1948 .....	1,939	79,654	—	—	—	—	25,251	420,430	2,498,277	754,196
1949 .....	1,367	56,712	—	—	—	—	18,734	367,186	2,260,196	696,783
1950 .....	595	22,569	—	—	—	—	16,592	378,297	2,720,951	721,494
1951 .....	1,236	44,098	10,698	26,478	—	—	16,778	358,391	2,832,110	929,989
1952 .....	3,042	158,094	104,826	229,299	—	—	18,113	403,699	3,763,418	1,253,642
1953 .....	2,085	92,433	653,514	1,714,806	—	—	18,078	420,631	4,686,323	1,524,629
1954 .....	3,494	146,477	2,148,184	5,619,649	—	—	17,809	439,154	4,831,716	2,084,367
1955 .....	6,146	190,381	4,145,756	9,618,154	—	—	18,954	477,614	5,272,676	1,571,103

1. Rose quartz.

## The Mineral Production of Manitoba—Continued

Year	Selenium		Silver		Stone					
	lb.	\$	fine oz.	\$	Granite		Limestone		Marble	
					tons	\$	tons	\$	tons	\$
1909 .....	—	—	—	—	...	3,345	...	328,554	—	—
1910 .....	—	—	—	—	...	3,643	...	328,029	—	—
1911 .....	—	—	—	—	...	2,268	...	315,782	—	—
1912 .....	—	—	—	—	...	1,523	...	381,572	—	—
1913 .....	—	—	—	—	...	6,920	...	382,984	—	—
1914 .....	—	—	—	—	...	15,654	...	346,258	—	—
1915 .....	—	—	—	—	...	351	...	153,113	—	—
1916 .....	—	—	—	—	—	—	...	372,894	—	—
1917 .....	—	—	7,201	5,863	—	—	...	301,968	—	—
1918 .....	—	—	13,316	12,886	1	1	1	1	1	1
1919 .....	—	—	20,700	23,069	1	1	1	1	1	1
1920 .....	—	—	15,510	15,449	1	1	1	1	1	1
1921 .....	—	—	33	20	—	—	16,868	56,666	—	—
1922 .....	—	—	20	14	—	—	34,356	106,638	—	—
1923 .....	—	—	5	3	—	—	51,304	118,277	—	—
1924 .....	—	—	140	93	—	—	54,065	93,876	—	—
1925 .....	—	—	477	329	—	—	52,770	188,496	—	—
1926 .....	—	—	18	11	—	—	101,571	357,884	—	—
1927 .....	—	—	12	7	—	—	154,666	318,556	—	—
1928 .....	—	—	1,763	1,026	114,000	114,000	121,864	494,217	—	—
1929 .....	—	—	2,644	1,401	—	—	191,506	885,826	603	9,191
1930 .....	—	—	94,653	36,114	—	—	146,316	1,075,485	762	9,994
1931 .....	3,870	7,353	836,547	249,877	—	—	152,858	636,226	390	6,423
1932 .....	—	—	1,036,497	328,275	18	232	78,405	299,050	—	—
1933 .....	—	—	1,101,578	416,758	332	2,987	32,858	71,240	—	—
1934 .....	4,127	6,190	1,252,920	594,647	213	2,702	42,914	50,843	—	—
1935 .....	65,074	124,942	1,206,454	781,660	387	4,630	146,100	183,892	127	1,233
1936 .....	50,760	89,845	791,489	357,175	185	2,038	49,261	69,837	60	90
1937 .....	43,920	75,982	905,179	406,253	138	1,796	41,053	63,432	—	—
1938 .....	57,788	100,262	1,198,315	520,991	329	6,120	39,049	95,497	—	—
1939 .....	2	2	1,028,485	416,413	174	3,544	35,969	80,404	—	—
1940 .....	2	2	1,033,512	395,308	218	4,324	48,488	74,116	—	—
1941 .....	32,179	61,462	966,105	369,641	244	4,155	38,103	60,743	—	—
1942 .....	21,209	40,721	821,824	346,530	133	2,452	43,355	69,514	—	—
1943 .....	5,239	9,168	587,279	265,767	—	—	37,974	50,784	—	—
1944 .....	12,957	23,323	569,873	245,045	357	4,967	31,572	48,587	—	—
1945 .....	9,258	17,775	533,883	250,925	425	6,130	62,201	79,668	—	—
1946 .....	46,118	83,935	528,017	441,686	256	3,766	64,876	238,704	—	—
1947 .....	33,653	62,931	424,365	305,543	286	5,365	119,477	355,511	—	—
1948 .....	34,936	69,872	737,298	552,974	395	7,299	147,444	274,980	—	—
1949 .....	16,012	32,825	554,266	411,542	1,267	5,676	184,650	363,378	—	—
1950 .....	40,543	98,114	893,099	721,803	24,187	6,125	215,672	452,934	—	—
1951 .....	25,955	84,094	613,141	579,725	206	4,231	382,928	992,008	—	—
1952 .....	15,852	51,519	412,149	344,227	1,200	1,200	239,615	686,578	—	—
1953 .....	10,892	45,746	429,508	360,830	2,950	2,850	374,869	667,564	—	—
1954 .....	15,481	77,405	411,125	342,290	9,500	9,500	198,056	693,552	—	—
1955 .....	27,219	204,143	454,528	400,803	860	4,057	227,297	1,112,276	—	—

1. Total by kinds not available; total values of all kinds of stone- 1918, \$238,251; 1919, \$89,067; 1920, \$374,286.  
 2. No commercial recovery reported by smelter; sometimes recovered by copper refiner but presumed not paid for.



## The Mineral Production of Manitoba — Concluded

Year	Tellurium		Thallium		Tungsten concentrates		Zinc		Other products
	pounds	\$	pounds	\$	pounds	\$	pounds	\$	\$
1908 .....	—	—	—	—	—	—	—	—	145,000 <sup>1</sup>
1909 .....	—	—	—	—	—	—	—	—	—
1910 .....	—	—	—	—	—	—	—	—	—
1911 .....	—	—	—	—	—	—	—	—	—
1912 .....	—	—	—	—	—	—	—	—	—
1913 .....	—	—	—	—	—	—	—	—	—
1914 .....	—	—	—	—	—	—	—	—	—
1915 .....	—	—	—	—	—	—	—	—	—
1916 .....	—	—	—	—	—	—	—	—	—
1917 .....	—	—	—	—	—	—	—	—	—
1918 .....	—	—	—	—	177	42	—	—	294,493
1919 .....	—	—	—	—	—	—	—	—	1,340,449
1920 .....	—	—	—	—	—	—	—	—	2,179,341
1921 .....	—	—	—	—	—	—	—	—	1,047,453
1922 .....	—	—	—	—	—	—	—	—	—
1923 .....	—	—	—	—	—	—	—	—	—
1924 .....	—	—	—	—	—	—	—	—	—
1925 .....	—	—	—	—	—	—	—	—	—
1926 .....	—	—	—	—	—	—	—	—	—
1927 .....	—	—	—	—	—	—	—	—	—
1928 .....	—	—	—	—	—	—	—	—	—
1929 .....	—	—	—	—	—	—	—	—	—
1930 .....	—	—	—	—	—	—	3,882,141	139,757	—
1931 .....	—	—	—	—	—	—	35,173,749	898,338	—
1932 .....	—	—	—	—	—	—	41,736,600	1,004,016	—
1933 .....	—	—	—	—	—	—	43,516,037	1,397,082	—
1934 .....	—	—	—	—	—	—	47,264,342	1,438,538	—
1935 .....	340	680	—	—	—	—	51,129,980	1,584,513	—
1936 .....	3,928	6,953	—	—	—	—	36,744,951	1,218,095	—
1937 .....	5,124	8,865	—	—	—	—	36,221,314	1,775,569	—
1938 .....	4,454	7,661	—	—	—	—	46,864,575	1,440,148	—
1939 .....	2	2	—	—	—	—	40,302,747	1,236,891	—
1940 .....	2	2	—	—	—	—	35,103,373	1,197,376	—
1941 .....	2	2	—	—	—	—	34,879,239	1,189,731	—
1942 .....	361	578	—	—	1,399	1,300	29,908,179	1,020,168	—
1943 .....	2	2	—	—	16	16	46,783,873	1,871,355	—
1944 .....	113	198	128	1,690	—	—	45,822,278	1,970,358	—
1945 .....	89	171	—	—	—	—	34,860,754	2,245,033	—
1946 .....	349	537	—	—	—	—	35,580,537	2,778,840	—
1947 .....	588	1,049	—	—	—	—	27,753,131	3,116,677	—
1948 .....	578	1,012	—	—	—	—	41,315,045	5,755,186	—
1949 .....	361	650	—	—	—	—	34,081,713	4,514,805	—
1950 .....	1,084	2,060	—	—	—	—	42,905,613	6,714,728	—
1951 .....	505	929	—	—	—	—	30,221,016	6,013,982	—
1952 .....	63	107	—	—	—	—	30,185,026	5,270,306	—
1953 .....	33	58	—	—	—	—	31,532,737	3,771,315	—
1954 .....	74	130	—	—	—	—	32,506,063	3,894,226	—
1955 .....	727	1,272	75	103	—	—	35,932,049	4,904,725	—

1. Includes building stone, etc.

2. No commercial recovery reported by smelter; sometimes recovered by copper refiner but presumed not paid for.

## The Mineral Production of Saskatchewan

Year	Cadmium		Clay products <sup>1</sup>	Coal <sup>3</sup>		Copper		Gold <sup>6</sup>	
	pounds	\$	\$	tons	\$	pounds	\$	fine oz.	\$
1886.....	—	—	9,400	—	—	—	—	—	—
1887.....	—	—	4,300	400 <sup>4</sup>	800	—	—	—	—
1888.....	—	—	1,650	—	—	—	—	—	—
1889.....	—	—	9,210	—	—	—	—	—	—
1890.....	—	—	10,000	200	200	—	—	—	—
1891.....	—	—	23,000	—	—	—	—	—	—
1892.....	—	—	24,937	5,400	9,325	—	—	—	—
1893.....	—	—	—	8,325	12,485	—	—	—	—
1894.....	—	—	—	15,051 <sup>5</sup>	15,153	—	—	—	—
1895.....	—	—	—	15,769	31,538	—	—	—	—
1896.....	—	—	—	16,706	25,059	—	—	—	—
1897.....	—	—	—	25,000	37,500	—	—	—	—
1898.....	—	—	—	25,000	37,500	—	—	—	—
1899.....	—	—	—	25,000	37,500	—	—	—	—
1900.....	—	—	—	40,500	60,750	—	—	—	—
1901.....	—	—	—	45,000	72,000	—	—	—	—
1902.....	—	—	2	70,400	112,640	—	—	—	—
1903.....	—	—	2	116,703	169,618	—	—	—	—
1904.....	—	—	2	124,885	187,021	—	—	—	—
1905.....	—	—	103,278	137,596	152,334	—	—	—	—
1906.....	—	—	136,022	108,398	164,146	—	—	—	—
1907.....	—	—	125,459	151,232	252,437	—	—	—	—
1908.....	—	—	87,566	150,556	253,790	—	—	—	—
1909.....	—	—	145,516	192,125	296,333	—	—	—	—
1910.....	—	—	160,850	181,156	293,929	—	—	—	—
1911.....	—	—	226,958	206,779	347,248	—	—	—	—
1912.....	—	—	332,943	225,342	368,135	—	—	—	—
1913.....	—	—	189,820	212,897	358,192	—	—	—	—
1914.....	—	—	98,349	232,299	374,245	—	—	—	—
1915.....	—	—	44,406	240,107	365,246	—	—	—	—
1916.....	—	—	78,668	281,300	441,836	—	—	—	—
1917.....	—	—	78,251	355,445	662,451	—	—	—	—
1918.....	—	—	133,935	346,847	722,148	—	—	—	—
1919.....	—	—	270,989	379,347	819,390	—	—	—	—
1920.....	—	—	471,448	335,222	797,828	—	—	—	—
1921.....	—	—	166,244	335,632	823,180	—	—	—	—
1922.....	—	—	134,704	382,437	802,053	—	—	—	—
1923.....	—	—	119,405	438,100	858,448	—	—	—	—
1924.....	—	—	137,280	479,118	886,668	—	—	—	—
1925.....	—	—	95,952	471,965	870,875	—	—	—	—
1926.....	—	—	214,113	439,803	819,805	—	—	—	—
1927.....	—	—	311,240	470,216	868,867	—	—	—	—
1928.....	—	—	377,896	471,713	831,491	—	—	—	—
1929.....	—	—	502,522	580,189	993,226	—	—	—	—
1930.....	—	—	349,283	579,424	968,863	—	—	—	—
1931.....	—	—	166,257	662,836	945,259	—	—	—	—
1932.....	—	—	109,739	887,139	1,229,449	—	—	11	258
1933.....	—	—	92,207	927,649	1,285,996	3,223,941	240,338	5,400	154,401
1934.....	—	—	90,997	909,288	1,241,130	6,618,913	491,077	5,405	186,472
1935.....	—	—	98,150	921,785	1,293,668	11,429,452	890,974	14,323	504,026
1936.....	111,749	99,457	95,584	1,020,792	1,463,680	14,971,609	1,418,859	48,981	1,715,805
1937.....	144,553	237,067	115,330	1,049,348	1,494,337	22,436,843	2,934,290	65,886	2,305,351
1938.....	73,630	59,166	118,713	1,022,166	1,380,416	18,156,157	1,810,532	50,021	1,759,489
1939.....	66,608	46,939	148,774	959,595	1,255,142	18,133,149	1,829,997	77,120	2,787,194
1940.....	71,594	83,264	164,828	1,097,517	1,408,540	20,484,954	2,066,112	102,925	3,962,613
1941.....	108,832	127,769	224,897	1,322,763	1,713,478	32,324,512	3,260,250	138,015	5,313,578
1942.....	147,314	173,831	271,325	1,301,116	1,760,065	56,781,466	5,726,979	178,871	6,886,533
1943.....	166,955	191,998	348,725	1,665,972	2,432,249	85,948,719	10,098,974	174,090	6,702,465
1944.....	119,639	131,603	330,907	1,372,766	2,034,914	73,514,499	8,821,740	122,782	4,727,107
1945.....	107,741	106,663	271,288	1,532,995	2,327,082	65,900,701	8,270,538	108,568	4,179,868
1946.....	102,923	125,566	411,446	1,523,789	2,544,092	62,712,954	8,027,258	112,101	4,119,712
1947.....	97,866	168,330	495,016	1,571,147	2,928,812	66,301,926	13,518,963	93,747	3,281,145
1948.....	80,938	147,712	509,593	1,589,172	3,020,305	62,148,713	13,890,237	87,927	3,077,445
1949.....	110,292	226,099	545,588	1,870,487	3,533,930	69,919,293	13,964,980	94,208	3,391,488
1950.....	71,502	165,885	581,506	2,203,223	4,044,697	57,963,500	13,575,052	79,784	3,035,781
1951.....	99,835	267,558	616,655	2,223,318	4,361,677	63,250,444	17,520,373	110,216	4,061,460
1952.....	89,123	196,070	711,778	2,083,465	4,004,308	60,687,296	17,320,154	93,585	3,207,158
1953.....	127,010	254,020	742,959	2,021,304	3,834,455	61,176,869	18,316,355	88,327	3,040,215
1954.....	122,244	207,815	844,398	2,116,740	3,961,702	72,383,656	21,107,074	101,785	3,467,815
1955.....	144,344	245,385	992,307	2,293,816	4,309,163	65,890,339	24,297,063	83,580	2,885,182

1. Includes production from Alberta, 1886-1892.

2. See Manitoba clay products.

3. For 1919-1955, tonnage is total output from all mines; for previous years the figures include only sales, colliery consumption and coal used by operators.

4. From Turtle Mountain district, Manitoba.

5. Includes a small quantity from Manitoba.

6. Complete data relating to recovery of placer gold are not available.

## The Mineral Production of Saskatchewan — Continued

Year	Lime		Natural gas		Petroleum		Quartz <sup>1</sup>		Salt	
	tons	\$	M cu. ft.	\$	barrels	\$	tons	\$	tons	\$
1907 .....	130	1,480	—	—	—	—	—	—	—	—
1908 .....	—	—	—	—	—	—	—	—	—	—
1909 .....	—	—	—	—	—	—	—	—	—	—
1910 .....	—	—	—	—	—	—	—	—	—	—
1911 .....	—	—	—	—	—	—	—	—	—	—
1912 .....	140	1,440	—	—	—	—	—	—	—	—
1913 .....	1,225	10,000	—	—	—	—	—	—	—	—
1914 .....	—	—	—	—	—	—	—	—	—	—
1915 .....	—	—	—	—	—	—	—	—	—	—
1916 .....	—	—	—	—	—	—	—	—	—	—
1917 .....	—	—	—	—	—	—	—	—	—	—
1918 .....	—	—	—	—	—	—	—	—	—	—
1919 .....	—	—	—	—	—	—	—	—	—	—
1920 .....	—	—	—	—	—	—	—	—	33	790
1921 .....	—	—	—	—	—	—	—	—	—	—
1922 .....	—	—	—	—	—	—	—	—	—	—
1923 .....	—	—	—	—	—	—	—	—	—	—
1924 .....	—	—	—	—	—	—	—	—	—	—
1925 .....	—	—	—	—	—	—	—	—	—	—
1926 .....	—	—	—	—	—	—	—	—	—	—
1927 .....	—	—	—	—	—	—	—	—	—	—
1928 .....	—	—	—	—	—	—	—	—	—	—
1929 .....	—	—	—	—	—	—	—	—	—	—
1930 .....	—	—	—	—	—	—	—	—	—	—
1931 .....	—	—	—	—	—	—	—	—	—	—
1932 .....	—	—	—	—	—	—	—	—	—	—
1933 .....	—	—	—	—	—	—	59,506	59,506	231	4,510
1934 .....	—	—	13,781	4,823	—	—	92,447	88,748	452	8,703
1935 .....	—	—	75,558	7,555	—	—	77,177	59,069	101	2,046
1936 .....	—	—	90,839	33,985	—	—	76,089	49,458	—	—
1937 .....	—	—	100,380	35,130	—	—	95,809	33,533	—	—
1938 .....	—	—	90,285	34,136	—	—	116,898	40,914	—	—
1939 .....	—	—	96,423	36,640	—	—	134,192	46,967	—	—
1940 .....	—	—	100,773	30,232	—	—	159,090	55,681	—	—
1941 .....	—	—	106,168	31,850	—	—	148,208	51,873	—	—
1942 .....	—	—	117,124	45,585	—	—	155,699	54,495	—	—
1943 .....	—	—	116,201	45,568	—	—	163,102	57,086	—	—
1944 .....	—	—	119,116	46,656	—	—	143,101	50,085	—	—
1945 .....	—	—	163,824	58,165	14,374	15,362	141,799	52,544	—	—
1946 .....	—	—	209,569	61,740	118,686	135,990	130,105	47,542	—	—
1947 .....	—	—	274,193	68,891	540,117	614,156	124,322	43,513	—	—
1948 .....	—	—	477,271	47,727	849,166	976,541	151,676	53,086	—	—
1949 .....	—	—	812,916	81,292	782,188	836,941	127,297	63,649	8,104	144,526
1950 .....	—	—	813,554	71,564	1,041,098	1,134,797	141,265	88,997	18,186	373,701
1951 .....	—	—	860,082	86,008	1,249,281	1,659,045	120,769	67,631	28,192	653,130
1952 .....	—	—	1,007,491	100,749	1,696,505	2,256,352	143,164	50,107	33,540	789,000
1953 .....	—	—	1,422,128	127,992	2,797,888	3,833,107	152,786	76,393	35,100	760,082
1954 .....	—	—	3,333,077	291,644	5,422,899	8,183,304	155,899	70,155	37,227	899,849
1955 .....	—	—	6,706,743	637,140	11,317,168	18,317,968	175,640	87,820	40,748	976,298

1. Low-grade silica sand for fluxing purposes.

Magnesium sulphate production: 1920—2 tons, value \$103.  
1921—2 tons, value \$120.Pitchblende products in 1954: valued at \$10,981,417.  
1955: valued at \$12,312,471.



## The Mineral Production of Saskatchewan—Continued

Year	Sand and gravel		Selenium		Silver		Sodium sulphate		Tellurium	
	tons	\$	pounds	\$	fine oz.	\$	tons	\$	pounds	\$
1912 .....	...	255,453	—	—	—	—	—	—	—	—
1913 .....	...	236,377	—	—	—	—	—	—	—	—
1914 .....	...	222,019	—	—	—	—	—	—	—	—
1915 .....	111,919	38,206	—	—	—	—	—	—	—	—
1916 .....	328,116	60,079	—	—	—	—	—	—	—	—
1917 .....	943,970	112,275	—	—	—	—	—	—	—	—
1918 .....	—	—	—	—	—	—	—	—	—	—
1919 .....	—	—	—	—	—	—	15	450	—	—
1920 .....	—	—	—	—	—	—	811	19,496	—	—
1921 .....	—	—	—	—	—	—	623	18,850	—	—
1922 .....	924,944	306,733	—	—	—	—	504	11,980	—	—
1923 .....	438,319	59,541	—	—	—	—	733	10,189	—	—
1924 .....	702,713	97,045	—	—	—	—	1,083	6,004	—	—
1925 .....	579,901	88,805	—	—	—	—	3,876	19,380	—	—
1926 .....	863,901	145,296	—	—	—	—	6,775	13,550	—	—
1927 .....	1,517,801	263,100	—	—	—	—	5,659	11,319	—	—
1928 .....	2,225,524	431,475	—	—	—	—	6,016	68,804	—	—
1929 .....	3,496,679	687,646	—	—	—	—	5,018	64,112	—	—
1930 .....	3,680,553	751,779	—	—	—	—	31,571	293,847	—	—
1931 .....	1,388,594	396,707	—	—	—	—	44,957	421,097	—	—
1932 .....	362,841	66,942	—	—	14	4	22,466	271,736	—	—
1933 .....	104,400	19,731	—	—	114,604	43,358	50,080	485,416	—	—
1934 .....	533,575	169,033	459	689	87,551	41,552	66,821	587,986	—	—
1935 .....	502,732	171,170	19,567	37,569	201,608	130,622	44,817	343,764	102	204
1936 .....	716,910	284,531	25,380	44,923	642,497	289,940	75,598	552,681	1,964	3,476
1937 .....	822,447	470,343	28,080	48,578	821,818	368,840	79,804	617,548	3,276	5,667
1938 .....	1,037,753	662,511	28,612	49,642	898,413	390,603	62,920	552,180	2,206	3,794
1939 .....	1,913,995	408,199	1	1	1,141,600	462,211	71,455	627,965	1	1
1940 .....	1,472,885	741,353	1	1	1,691,540	646,997	94,250	829,539	1	1
1941 .....	1,220,801	406,835	29,091	55,564	2,047,164	783,266	115,600	931,522	1	1
1942 .....	679,979	435,798	71,952	138,148	2,664,132	1,123,358	131,258	1,079,692	1,223	1,957
1943 .....	1,288,263	583,687	70,276	122,983	2,812,624	1,272,825	107,121	1,025,151	1	1
1944 .....	1,163,097	533,175	74,283	133,709	1,735,773	746,382	102,421	987,842	648	1,134
1945 .....	1,237,595	563,276	41,209	79,121	1,426,457	670,435	93,068	884,322	395	758
1946 .....	1,732,731	910,661	94,375	171,762	1,498,496	1,253,492	105,919	1,117,683	1,299	2,000
1947 .....	2,131,705	1,137,609	139,458	260,786	1,282,546	923,433	163,290	1,793,043	2,437	4,265
1948 .....	1,846,336	917,243	127,482	254,964	1,323,900	992,925	153,698	2,136,276	2,108	3,689
1949 .....	1,930,959	1,795,766	115,662	237,107	1,482,009	1,100,392	120,259	1,614,731	2,605	4,689
1950 .....	2,104,797	1,439,870	111,476	269,772	1,207,796	976,141	130,730	1,615,867	2,981	5,664
1951 .....	2,951,813	1,874,071	108,664	352,071	1,454,341	1,375,079	192,371	2,383,770	2,107	3,877
1952 .....	3,544,602	1,657,919	65,770	213,753	1,179,514	985,130	122,590	1,708,807	262	445
1953 .....	4,770,368	2,216,894	45,223	189,937	1,257,622	1,056,528	115,565	1,681,258	136	238
1954 .....	5,211,429	2,055,766	78,171	390,855	1,474,370	1,227,516	158,417	2,385,573	372	651
1955 .....	5,039,682	2,320,260	68,658	514,935	1,230,179	1,084,772	178,888	2,799,715	1,832	3,206

1. No commercial recovery reported by smelter; sometimes recovered by copper refiner but presumably not paid for.  
Thallium in 1955: 200 pounds valued at \$275.

## The Mineral Production of Saskatchewan — Concluded

Year	Volcanic dust		Zinc		Other products
	tons	\$	pounds	\$	\$
1908 .....	—	—	—	—	71,856 <sup>1</sup>
1909 .....	—	—	—	—	15,591 <sup>1</sup>
1910 .....	—	—	—	—	43,349 <sup>1</sup>
1911 .....	—	—	—	—	64,700 <sup>1</sup>
1912 .....	—	—	—	—	—
1913 .....	—	—	—	—	—
1914 .....	—	—	—	—	—
1915 .....	—	—	—	—	—
1916 .....	—	—	—	—	—
1917 .....	—	—	—	—	—
1918 .....	—	—	—	—	158,572
1919 .....	—	—	—	—	415,402
1920 .....	—	—	—	—	491,718
1921 .....	—	—	—	—	105,036
1922 .....	—	—	—	—	—
1923 .....	—	—	—	—	—
1924 .....	245	1,103	—	—	—
1925 .....	160	1,380	—	—	—
1926 .....	90	630	—	—	—
1927 .....	105	735	—	—	—
1928 .....	485	9,795	—	—	—
1929 .....	300	6,000	—	—	—
1930 .....	242	4,840	—	—	—
1931 .....	128	2,560	—	—	—
1932 .....	180	3,600	—	—	—
1933 .....	118	2,360	2,789,683	89,563	—
1934 .....	1	20	2,162,938	65,831	—
1935 .....	—	—	8,974,720	278,126	—
1936 .....	—	—	27,692,869	918,019	—
1937 .....	—	—	32,750,910	1,605,449	—
1938 .....	—	—	29,962,597	920,751	—
1939 .....	—	—	37,278,001	1,144,062	—
1940 .....	—	—	44,452,595	1,516,278	165 <sup>2</sup>
1941 .....	—	—	62,142,288	2,119,673	—
1942 .....	—	—	84,461,520	2,880,983	—
1943 .....	50	257	96,350,404	3,854,016	—
1944 .....	—	—	87,130,087	3,746,594	—
1945 .....	—	—	75,413,851	4,856,652	—
1946 .....	—	—	71,077,110	5,551,122	—
1947 .....	—	—	65,503,602	7,356,054	—
1948 .....	—	—	60,943,757	8,489,465	—
1949 .....	—	—	64,266,312	8,513,358	—
1950 .....	—	—	54,981,653	8,604,629	—
1951 .....	—	—	79,148,484	15,750,548	—
1952 .....	—	—	93,381,238	16,304,364	—
1953 .....	—	—	99,929,241	11,951,537	—
1954 .....	—	—	101,339,521	12,140,475	—
1955 .....	—	—	97,920,646	13,366,168	—

1. Includes sand-lime brick, etc.

2. 33 tons of grinding pebbles valued at \$165.

## The Mineral Production of Alberta

Year	Bituminous sands		Cement		Clay products	Coal <sup>1</sup>		Gold	
	tons	\$	barrels	\$	\$	tons	\$	fine oz.	\$
1886	—	—	—	—	—	43,220	81,112	—	—
1887	—	—	—	—	—	74,152	157,577	102	2,100
1888	—	—	—	—	—	115,124	183,354	58	1,200
1889	—	—	—	—	—	97,364	179,640	967	20,000
1890	—	—	—	—	—	128,753	198,298	193	4,000
1891	—	—	—	—	—	—	—	—	—
1892	—	—	—	—	—	174,131	437,243	266	5,500
1893	—	—	—	—	—	178,970	460,605	508	10,506
1894	—	—	—	—	—	230,070	596,260	466	9,640
1895	—	—	—	—	—	184,940	473,827	726	15,000
1896	—	—	—	—	—	169,885	382,526	2,419	50,000
1897	—	—	—	—	—	209,162	581,832	2,661	55,000
1898	—	—	—	—	—	242,163	630,408	2,419	50,000
1899	—	—	—	—	—	315,088	787,720	1,209	25,000
1900	—	—	—	—	—	309,600	774,000	726	15,000
1901	—	—	—	—	—	311,450	778,625	242	5,000
1902	—	—	—	—	—	—	—	—	—
1903	—	—	—	—	—	340,275	850,687	726	15,000
1904	—	—	—	—	—	402,819	960,601	484	10,000
1905	—	—	—	—	—	495,893	1,117,541	48	1,000
1906	—	—	—	—	191,287	661,732	1,404,524	24	500
1907	—	—	—	—	—	931,917	1,993,915	121	2,500
1908	—	—	—	—	180,217	1,246,360	2,614,762	39	800
1909	—	—	—	—	353,672	1,591,579	3,836,286	33	675
1910	—	—	—	—	240,384	1,685,661	4,127,311	50	1,037
1911	—	—	—	546,872	442,486	1,994,741	4,838,109	25	525
1912	—	—	323,009	774,473	753,232	2,894,469	7,065,736	89	1,850
1913	—	—	—	—	—	—	—	—	—
1914	—	—	—	—	—	—	—	—	—
1915	—	—	—	—	—	—	—	—	—
1916	—	—	—	—	—	—	—	—	—
1917	—	—	—	—	—	—	—	—	—
1918	—	—	—	—	—	—	—	—	—
1919	—	—	—	—	—	—	—	—	—
1920	—	—	—	—	—	—	—	—	—
1921	—	—	—	—	—	—	—	—	—
1922	—	—	—	—	—	—	—	—	—
1923	—	—	—	—	—	—	—	—	—
1924	531	2,127	—	—	—	—	—	—	—
1925	1,148	4,594	—	—	—	—	—	—	—
1926	528	2,112	—	—	—	—	—	—	—
1927	2,706	10,824	—	—	—	—	—	—	—
1928	94	374	—	—	—	—	—	—	—
1929	989	3,956	—	—	—	—	—	—	—
1930	2,067	8,268	—	—	—	—	—	—	—
1931	1,015	4,060	—	—	—	—	—	—	—
1932	343	1,372	—	—	—	—	—	—	—
1933	466	1,662	—	—	—	—	—	—	—
1934	862	3,449	—	—	—	—	—	—	—
1935	40	160	—	—	—	—	—	—	—
1936	—	—	—	—	—	—	—	—	—
1937	35	142	—	—	—	—	—	—	—
1938	2	2	—	—	—	—	—	—	—
1939	2	2	—	—	—	—	—	—	—
1940	2	2	—	—	—	—	—	—	—
1941	2	2	—	—	—	—	—	—	—
1942	2	2	—	—	—	—	—	—	—
1943	2	2	—	—	—	—	—	—	—
1944	2	2	—	—	—	—	—	—	—
1945	2	2	—	—	—	—	—	—	—
1946	2	2	—	—	—	—	—	—	—
1947	—	—	—	—	—	—	—	—	—
1948	—	—	—	—	—	—	—	—	—
1949	—	—	—	—	—	—	—	—	—
1950	—	—	—	—	—	—	—	—	—
1951	—	—	—	—	—	—	—	—	—
1952	—	—	—	—	—	—	—	—	—
1953	—	—	—	—	—	—	—	—	—
1954	—	—	—	—	—	—	—	—	—
1955	—	—	—	—	—	—	—	—	—

1. Since 1919 tonnage shown is the total output for all mines; for previous years the figures recorded include only sales, colliery consumption and coal used by operators.

2. Any production now included under petroleum.

3. Included in other products.

Copper in 1917 was 3,040 pounds valued at \$826.



## The Mineral Production of Alberta — Continued

Year	Lime		Natural gas		Petroleum		Peat moss		Quartz	
	tons	\$	M cu.ft.	\$	barrels	\$	tons	\$	tons	\$
1903.....	—	—	...	5,675	—	—	—	—	—	—
1904.....	—	—	...	74,852	—	—	—	—	—	—
1905.....	—	—	...	63,085	—	—	—	—	—	—
1906.....	8,400	56,200	...	50,077	—	—	—	—	—	—
1907.....	6,056	41,225	...	68,533	—	—	—	—	—	—
1908.....	4,725	34,500	...	63,363	—	—	—	—	—	—
1909.....	9,839	67,350	...	61,722	—	—	—	—	—	—
1910.....	10,612	69,268	...	75,168	—	—	—	—	—	—
1911.....	15,191	100,407	...	110,165	—	—	—	—	—	—
1912.....	24,641	166,520	...	289,906	—	—	—	—	—	—
1913.....	16,284	115,355	7,174,490	1,079,466	—	—	—	—	—	—
1914.....	9,809	58,321	7,172,157	1,214,670	387	2,200	—	—	—	—
1915.....	2,595	14,445	4,481,947	1,022,814	1	1	—	—	—	—
1916.....	2,731	20,033	6,904,231	1,113,296	1	1	—	—	—	—
1917.....	3,659	35,516	6,744,130	1,299,976	8,500	63,302	—	—	—	—
1918.....	2,814	44,141	6,318,389	1,358,638	13,040	100,004	—	—	—	—
1919.....	3,817	41,276	8,230,838	1,365,127	16,437	97,841	—	—	—	—
1920.....	4,880	72,477	5,633,442	1,181,345	11,032	75,986	—	—	—	—
1921.....	3,748	48,332	4,945,884	1,374,599	7,203	49,313	—	—	—	—
1922.....	4,572	71,328	5,868,439	1,622,105	6,559	52,128	—	—	—	—
1923.....	3,071	37,999	7,191,670	1,692,246	1,943	8,227	—	—	—	—
1924.....	3,157	36,279	7,131,086	1,796,618	844	4,135	—	—	—	—
1925.....	3,463	39,852	9,119,500	2,752,545	183,491	845,394	—	—	—	—
1926.....	3,791	39,517	10,794,697	3,019,221	216,050	902,504	—	—	—	—
1927.....	4,571	46,947	13,434,621	3,586,533	318,741	1,185,948	—	—	—	—
1928.....	6,672	69,588	14,288,605	3,754,466	482,047	1,764,172	—	—	—	—
1929.....	7,681	79,569	19,112,931	4,684,247	988,675	3,458,177	—	—	—	—
1930.....	5,136	49,525	20,748,583	4,929,226	1,398,160	4,780,696	—	—	—	—
1931.....	5,118	46,785	17,798,698	4,067,893	1,413,631	3,976,220	—	—	—	—
1932.....	6,642	56,577	15,370,968	3,853,794	906,751	2,751,541	—	—	—	—
1933.....	7,501	62,037	15,352,811	3,886,263	995,832	2,844,157	—	—	—	—
1934.....	7,455	65,697	14,841,491	3,707,276	1,253,966	3,104,823	—	—	—	—
1935.....	6,584	57,108	16,060,349	4,113,436	1,263,510	3,102,227	—	—	—	—
1936.....	9,129	78,259	17,407,820	4,376,720	1,312,368	3,019,930	—	—	—	—
1937.....	10,651	93,478	20,955,506	4,766,437	2,749,085	4,961,002	—	—	—	—
1938.....	12,053	107,012	21,822,108	4,807,346	6,751,312	8,775,094	—	—	—	—
1939.....	12,499	108,632	22,513,660	4,915,821	7,576,932	9,362,363	—	—	—	—
1940.....	16,872	149,720	27,459,808	4,923,469	8,362,203	10,694,394	2	2	—	—
1941.....	17,950	151,296	30,905,440	5,175,364	9,918,577	13,985,906	421	5,055	—	—
1942.....	18,821	155,760	34,482,585	6,146,146	10,117,073	15,514,665	58	1,380	—	—
1943.....	18,215	149,455	35,569,078	6,241,815	9,601,530	15,724,518	55	1,425	—	—
1944.....	18,852	159,957	37,161,570	6,339,817	8,727,366	14,468,061	—	—	—	—
1945.....	19,855	169,322	40,393,061	7,095,910	7,979,786	13,169,692	—	—	—	—
1946.....	23,785	204,926	40,097,096	7,184,006	7,137,921	14,347,933	—	—	—	—
1947.....	25,733	235,509	44,106,643	7,745,886	6,770,477	18,078,907	—	—	—	—
1948.....	24,371	234,770	48,965,217	8,324,087	10,888,592	35,127,751	—	—	—	—
1949.....	27,071	295,441	51,179,779	2,558,989	20,087,418	58,999,936	—	—	700 <sup>3</sup>	10,500
1950.....	33,564	435,342	58,603,976	2,930,199	27,548,169	82,216,492	—	—	300 <sup>3</sup>	2,700
1951.....	30,670	395,452	69,876,831	3,493,842	45,915,384	113,870,152	—	—	—	—
1952.....	30,006	415,348	79,149,895	5,936,242	58,915,723	139,512,432	—	—	373 <sup>3</sup>	7,446
1953.....	29,263	430,924	89,651,605	6,723,870	76,816,383	193,761,644	—	—	—	—
1954.....	32,599	493,303	107,173,777	8,038,033	87,713,855	228,319,165	—	—	—	—
1955.....	38,335	553,526	133,007,493	9,975,562	113,035,046	274,901,232	—	—	—	—

1. Small output, but no record.

2. Prior to 1941 peat was classified in manufactures.

3. Grinding pebbles.

## The Mineral Production of Alberta — Continued

Year	Salt		Sand and gravel		Sand-lime brick		Silver <sup>1</sup>		Sodium sulphate	
	tons	\$	tons	\$	No.	\$	fine oz.	\$	tons	\$
1910.....	—	—	—	—	...	15,625	—	—	—	—
1911.....	—	—	—	—	3,500,000	20,000	—	—	—	—
1912.....	—	—	...	148,704	10,732,000	139,952	—	—	—	—
1913.....	—	—	...	265,165	15,464,905	176,794	—	—	—	—
1914.....	—	—	..	273,115	5,453,000	49,731	—	—	—	—
1915.....	—	—	390,617	47,197	764,700	6,191	—	—	—	—
1916.....	—	—	467,500	67,142	697,500	5,571	—	—	—	—
1917.....	—	—	709,745	71,216	1,547,590	15,703	45	37	—	—
1918.....	—	—	...	152,444	600,000	6,600	—	—	—	—
1919.....	—	—	2	2	729,000	10,206	—	—	—	—
1920.....	—	—	2	2	2,257,000	40,626	—	—	—	—
1921.....	—	—	2	2	—	—	—	—	—	—
1922.....	—	—	1,139,961	229,091	—	—	—	—	—	—
1923.....	—	—	888,216	199,256	—	—	—	—	—	—
1924.....	—	—	615,594	115,969	—	—	—	—	—	—
1925.....	—	—	534,892	107,436	—	—	—	—	—	—
1926.....	833	8,304	1,754,965	412,430	—	—	—	—	—	—
1927.....	2,037	22,696	1,392,752	293,674	—	—	4	3	—	—
1928.....	100	1,300	2,575,708	489,406	—	—	7	4	—	—
1929.....	—	—	1,721,930	447,993	—	—	—	—	—	—
1930.....	—	—	1,626,989	433,221	—	—	—	—	—	—
1931.....	—	—	1,050,988	313,616	—	—	29	9	—	—
1932.....	—	—	734,067	250,025	—	—	9	3	—	—
1933.....	—	—	281,122	85,577	—	—	32	12	—	—
1934.....	—	—	650,232	196,898	—	—	35	17	—	—
1935.....	—	—	653,511	146,092	—	—	16	10	—	—
1936.....	—	—	894,380	339,928	—	—	9	4	—	—
1937.....	—	—	711,966	312,687	—	—	4	2	80	480
1938.....	4,045	46,035	792,760	525,175	—	—	23	10	89	1,127
1939.....	3,319	37,526	817,168	619,105	—	—	32	13	30	186
1940.....	6,742	185,430	1,722,465	1,069,667	—	—	20	8	10	50
1941.....	16,617	260,995	956,484	433,504	—	—	21	8	8	32
1942.....	22,360	335,960	481,644	218,914	—	—	2	1	—	—
1943.....	17,499	280,124	626,157	309,389	—	—	4	...	—	—
1944.....	25,335	397,646	833,524	328,151	—	—	4	2	—	—
1945.....	29,421	430,048	919,736	433,436	—	—	1	...	—	—
1946.....	31,769	441,835	1,812,468	1,060,703	—	—	12	10	—	—
1947.....	29,698	438,825	2,058,142	1,170,883	—	—	16	12	—	—
1948.....	34,613	449,780	2,592,275	2,219,497	—	—	7	5	—	—
1949.....	28,359	547,304	2,448,814	1,553,589	—	—	11	8	—	—
1950.....	25,606	539,287	3,866,662	2,572,795	—	—	14	11	—	—
1951.....	19,718	472,562	4,289,021	3,194,446	—	—	9	8	—	—
1952.....	24,380	614,522	5,066,403	3,590,687	—	—	10	8	—	—
1953.....	24,885	601,515	7,651,261	5,097,720	—	—	6	5	—	—
1954.....	31,196	722,183	7,313,380	4,867,410	—	—	18	15	—	—
1955.....	41,408	1,014,745	7,819,933	5,894,341	—	—	21	18	—	—

1. Data not available prior to 1927.

2. Included with other products.

## The Mineral Production of Alberta — Concluded

Year	Stone						Other products
	Limestone		Sandstone		Shale		
	tons	\$	tons	\$	tons	\$	
1907 .....	—	—	—	—	—	—	357,133 <sup>2</sup>
1908 .....	—	—	—	—	—	—	690,410 <sup>2</sup>
1909 .....	—	—	...	90,383	—	—	—
1910 .....	—	—	...	240,858	—	—	—
1911 .....	—	—	...	158,344	—	—	—
1912 .....	—	—	...	81,391	—	—	—
1913 .....	...	20,000	...	136,984	—	—	—
1914 .....	—	—	...	60,272	—	—	—
1915 .....	—	—	...	890	—	—	—
1916 .....	...	257	—	—	—	—	—
1917 .....	...	672	...	6,810	—	—	—
1918 .....	1	1	1	1	1	1	—
1919 .....	1	1	1	1	1	—	702,999
1920 .....	1	1	1	1	—	—	1,575,569
1921 .....	—	—	2,962	13,750	—	—	1,118,231
1922 .....	—	—	554	7,300	—	—	—
1923 .....	—	—	—	—	—	—	—
1924 .....	16,418	16,762	280	2,555	—	—	—
1925 .....	3,979	6,868	—	—	—	—	—
1926 .....	3,545	5,826	214	8,064	—	—	—
1927 .....	3,367	7,830	—	—	—	—	—
1928 .....	4,852	15,240	158	9,500	—	—	—
1929 .....	4,975	12,046	208	12,500	—	—	—
1930 .....	7,786	17,236	117	4,500	—	—	—
1931 .....	2,429	5,842	67	3,800	—	—	—
1932 .....	1,428	2,985	—	—	—	—	—
1933 .....	1,472	4,317	78	4,500	—	—	—
1934 .....	2,737	8,104	—	—	—	—	—
1935 .....	2,242	6,981	—	—	—	—	—
1936 .....	13,876	26,188	40	3,200	—	—	—
1937 .....	13,182	24,935	43	2,254	—	—	—
1938 .....	1,691	6,148	—	—	—	—	—
1939 .....	2,888	8,166	155	5,314	—	—	800 <sup>3</sup>
1940 .....	3,981	11,999	—	—	—	—	—
1941 .....	7,942	24,303	—	—	—	—	—
1942 .....	12,028	40,436	—	—	—	—	—
1943 .....	13,961	47,899	—	—	—	—	—
1944 .....	12,726	43,049	—	—	—	—	—
1945 .....	13,528	54,962	—	—	—	—	—
1946 .....	13,417	55,286	—	—	—	—	—
1947 .....	13,883	57,600	—	—	—	—	—
1948 .....	14,298	57,444	—	—	—	—	—
1949 .....	13,632	55,025	—	—	—	—	—
1950 .....	12,894	54,197	—	—	—	—	—
1951 .....	13,310	46,820	—	—	—	—	—
1952 .....	22,773	92,499	—	—	—	—	—
1953 .....	18,833	84,639	—	—	—	—	—
1954 .....	21,360	98,354	—	—	5,657	36,961	—
1955 .....	23,577	91,831	—	—	22,082	148,897	—

1. Data by kinds not available; total values of all kinds of stone produced were—1918, \$569; 1919, \$3,189; 1920, \$4,415.

2. Includes cement, lime, stone, etc.

3. Marble in 1939—5 tons valued at \$800.

Zinc in 1917 was 20,583 pounds valued at \$1,832.



## The Mineral Production of British Columbia

Year	Antimony		Arsenic		Barite		Bismuth		Cadmium	
	lb.	\$	lb.	\$	tons	\$	lb.	\$	lb.	\$
1907 .....	63,850	5,108	—	—	—	—	—	—	—	—
1908 .....	—	—	—	—	—	—	—	—	—	—
1909 .....	61,207	4,285	—	—	—	—	—	—	—	—
1910 .....	—	—	—	—	—	—	—	—	—	—
1911 .....	—	—	—	—	—	—	—	—	—	—
1912 .....	—	—	—	—	—	—	—	—	—	—
1913 .....	—	—	—	—	—	—	—	—	—	—
1914 .....	—	—	—	—	—	—	—	—	—	—
1915 .....	—	—	—	—	—	—	—	—	—	—
1916 .....	...	13,003	—	—	—	—	—	—	—	—
1917 .....	—	—	260,000	11,200	—	—	—	—	—	—
1918 .....	—	—	2,156,000	43,114	—	—	—	—	—	—
1919 .....	—	—	1,060,000	21,218	—	—	—	—	—	—
1920 .....	—	—	1,256,000	22,231	—	—	—	—	—	—
1921 .....	—	—	—	—	—	—	—	—	—	—
1922 .....	—	—	1,036,000	21,097	—	—	—	—	—	—
1923 .....	—	—	1,217,970	41,780	—	—	—	—	—	—
1924 .....	—	—	495,250	19,768	—	—	—	—	—	—
1925 .....	—	—	1,277,696	16,978	—	—	—	—	—	—
1926 .....	—	—	1,019,200	11,262	—	—	—	—	—	—
1927 .....	—	—	1,231,790	13,611	—	—	—	—	—	—
1928 .....	—	—	1,334,997	14,903	—	—	—	—	491,894	341,374
1929 .....	—	—	1,487,175	16,433	—	—	166,883	183,701	773,976	675,294
1930 .....	—	—	1,773,333	19,595	—	—	—	—	456,582	337,871
1931 .....	—	—	—	—	—	—	110,876	154,118	323,139	180,958
1932 .....	—	—	—	—	—	—	57	51	65,425	26,824
1933 .....	—	—	—	—	—	—	70,723	77,795	246,041	78,733
1934 .....	—	—	—	—	—	—	246,092	297,771	293,611	95,665
1935 .....	—	—	—	—	—	—	6,718	6,449	580,530	441,203
1936 .....	—	—	—	—	—	—	360,613	357,007	526,034	468,170
1937 .....	—	—	—	—	—	—	—	—	436,431	715,747
1938 .....	—	—	—	—	—	—	—	—	510,342	410,090
1939 .....	1,224,385	151,321	—	—	—	—	409,449	466,362	799,253	563,241
1940 .....	2,594,492	396,468	—	—	8	80	40,740	56,384	778,791	905,734
1941 .....	3,185,077	445,911	—	—	228	1,140	12	17	1,081,374	1,269,533
1942 .....	3,041,030	516,975	7,114,751 <sup>1</sup>	71,148	1,917	16,084	345,223	476,408	972,413	1,147,447
1943 .....	1,114,166	189,408	2	2	1,924	15,834	407,597	562,484	598,673	688,474
1944 .....	1,937,933	281,000	2	2	12,613	52,922	123,875	154,844	386,410	425,051
1945 .....	1,867,951	290,557	2	2	31,155	45,780	189,815	260,047	510,432	505,328
1946 .....	642,145	96,322	2	2	2,728	19,000	234,020	327,678	636,315	776,304
1947 .....	1,150,463	384,255	2	2	2,875	26,650	284,357	560,183	545,638	938,497
1948 .....	310,062	113,173	2	2	1,632	16,317	221,677	443,354	617,226	1,126,437
1949 .....	158,288	61,020	2	2	1,314	13,145	102,913	210,972	665,449	1,364,170
1950 .....	643,540	215,586	2	2	1,440	17,284	162,616	365,886	650,540	1,509,253
1951 .....	6,702,164	1,436,713	2	2	1,248	16,224	191,471	451,872	1,113,300	2,983,644
1952 .....	2,330,900	601,483	2	2	848	13,408	142,246	320,053	704,745	1,550,439
1953 .....	1,488,105	291,862	2	2	2,878	52,845	71,298	160,421	721,862	1,443,724
1954 .....	1,302,333	349,249	2	2	5,056	115,337	225,351	507,040	679,331	1,154,863
1955 .....	2,021,726	563,345	2	2	9,465	238,825	160,767	361,726	1,515,582	2,576,490

1. Arsenic content of gold ores exported; arsenic content not paid for.

2. Arsenic is contained in exported ores, but it is not paid for and data relating to its recovery are unavailable.

Asbestos produced: 1952— 20 tons valued at \$23,000.

1953— 3,102 tons valued at \$988,716.

1954— 8,598 tons valued at \$2,920,751.

1955— 17,187 tons valued at \$4,265,971.

## The Mineral Production of British Columbia — Continued

Year	Cement		Chromite		Clay products	Coal <sup>3</sup>		Copper	
	barrels	\$	tons	\$	\$	tons	\$	lb.	\$
1886	—	—	—	—	41,150	375,415	1,005,576	—	—
1887	—	—	—	—	19,480	486,142	1,302,165	—	—
1888	—	—	—	—	42,532	539,467	1,445,001	—	—
1889	—	—	—	—	62,317	636,439	1,704,747	—	—
1890	—	—	—	—	67,201	767,586	2,056,035	—	—
1891	—	—	—	—	79,475	1,130,227	3,027,528	—	—
1892	—	—	—	—	129,234	937,218	2,510,406	—	—
1893	—	—	—	—	1	1,093,980	2,930,304	—	—
1894	—	—	—	—	1	1,112,628	2,980,254	324,680 <sup>4</sup>	31,039
1895	—	—	—	—	1	1,058,045	2,834,049	952,840 <sup>4</sup>	102,526
1896	—	—	—	—	1	1,003,769	2,688,666	3,818,556 <sup>4</sup>	415,459
1897	—	—	—	—	1	1,019,390	2,730,510	5,325,180 <sup>4</sup>	601,213
1898	—	—	—	—	100,000	1,263,680	3,384,858	7,271,678 <sup>4</sup>	874,783
1899	—	—	—	—	109,000	1,431,101	3,833,307	7,722,591 <sup>4</sup>	1,359,948
1900	—	—	—	—	105,000	1,791,833	4,799,553	9,977,080 <sup>4</sup>	1,615,289
1901	—	—	—	—	101,996	1,919,488	5,141,487	27,603,746 <sup>4</sup>	4,448,896
1902	—	—	—	—	76,313	1,808,441	4,844,040	29,636,057 <sup>4</sup>	3,445,488
1903	—	—	—	—	152,748	1,676,581	4,490,844	34,359,921 <sup>4</sup>	4,547,735
1904	—	—	—	—	158,874	1,862,625	4,989,174	35,710,128 <sup>4</sup>	4,579,110
1905	44,969	150,000	—	—	98,886	1,945,452	5,211,030	37,692,251 <sup>4</sup>	5,876,222
1906	166,700	250,000	—	—	123,277	2,146,262	5,748,915	42,990,488 <sup>4</sup>	8,287,706
1907	143,226	215,000	—	—	306,137	2,364,898	7,390,306	40,832,720 <sup>4</sup>	8,168,177
1908	170,861	256,300	—	—	344,446	2,333,708	7,292,838	37,041,115	4,892,390
1909	238,000	360,000	—	—	470,402	2,606,127	8,144,147	35,658,952	4,629,245
1910	260,000	395,000	—	—	562,360	3,330,745	10,408,580	35,270,006	4,492,693
1911	401,000	601,500	—	—	675,505	2,542,532	7,945,413	35,279,558	4,366,198
1912	511,539	767,038	—	—	996,568	3,208,997	10,028,116	50,526,656	8,256,561
1913	574,258	980,560	—	—	684,904	2,714,420	8,482,562	45,791,579	6,991,916
1914	491,151	833,606	—	—	413,909	2,239,799	6,999,374	41,219,202	5,606,636
1915	309,436	526,042	—	—	229,763	2,065,613	6,455,041	56,692,988	9,793,714
1916	285,679	436,459	—	—	292,698	2,584,061	8,075,190	63,642,550	17,312,046
1917	207,587	438,009	—	—	334,685	2,433,888	8,235,716	57,730,959	15,691,275
1918	106,415	283,497	670	31,395	357,921	2,568,589	11,494,681	62,865,681	15,482,560
1919	2	2	—	—	293,478	2,649,516	13,512,532	44,502,079	8,317,884
1920	2	2	—	—	596,172	3,085,011	18,105,814	45,319,771	7,911,019
1921	2	2	—	—	415,869	2,890,291	15,676,774	34,447,127	4,306,580
1922	391,090	1,173,270	—	—	447,452	2,927,033	14,622,317	31,936,182	4,273,700
1923	795,637	1,302,482	—	—	426,138	2,823,306	13,813,520	55,224,737	7,963,959
1924	472,327	1,240,331	—	—	460,594	2,193,667	10,601,998	65,451,246	8,524,370
1925	465,185	1,151,344	—	—	523,931	2,742,252	11,720,373	69,221,600	9,720,097
1926	554,863	1,239,018	—	—	592,495	2,613,719	10,612,915	89,108,017	12,292,450
1927	523,931	1,182,552	—	—	679,788	2,746,243	10,934,777	91,686,297	11,845,870
1928	670,796	1,495,204	—	—	706,039	2,804,594	11,094,353	102,283,210	14,902,664
1929	680,907	1,487,223	126	900	866,427	2,490,378	10,160,789	103,903,738	18,772,778
1930	721,044	1,489,233	—	—	687,516	2,083,818	8,421,572	93,318,885	12,114,657
1931	578,636	1,172,549	—	—	498,505	1,876,406	7,150,996	65,223,348	5,459,194
1932	253,112	536,528	—	—	216,355	1,681,490	6,392,801	50,580,104	3,227,111
1933	115,286	225,342	—	—	174,205	1,382,272	5,306,287	43,146,724	3,216,502
1934	122,345	232,009	—	—	194,437	1,485,969	5,351,108	48,246,924	3,579,583
1935	167,226	314,116	—	—	216,636	1,331,287	5,043,510	38,478,043	2,999,525
1936	281,549	516,931	—	—	280,891	1,489,171	5,493,425	21,169,343	2,006,219
1937	344,072	623,725	—	—	349,640	1,598,843	5,863,849	45,797,988	5,989,461
1938	335,488	626,731	—	—	365,132	1,440,287	5,237,077	65,759,265	6,557,514
1939	272,679	520,420	—	—	371,140	1,537,905	5,464,061	73,253,408	7,392,734
1940	363,366	704,567	—	—	520,883	1,867,846	6,157,250	77,742,582	7,841,117
1941	501,945	986,322	—	—	558,426	2,020,844	6,492,672	66,327,166	6,689,758
1942	571,945	1,198,014	—	—	560,746	2,168,541	7,566,822	50,015,521	5,044,565
1943	534,769	1,146,865	—	—	495,163	2,039,402	7,648,720	42,222,205	4,961,109
1944	512,594	1,085,918	—	—	486,626	2,134,231	9,009,506	36,302,628	4,356,313
1945	558,575	1,182,297	—	—	661,955	1,699,768	7,137,859	25,751,252	3,231,782
1946	771,955	1,739,966	—	—	859,645	1,638,424	7,160,881	17,500,538	2,240,068
1947	863,740	1,896,772	—	—	1,147,144	1,763,899	8,630,285	41,800,358	8,402,305
1948	1,027,981	2,441,304	—	—	1,392,417	1,780,334	9,811,253	43,002,987	9,590,326
1949	1,254,239	3,029,425	—	—	707,295	1,906,963	10,798,560	54,109,880	10,783,314
1950	1,275,867	3,088,296	—	—	1,081,496	1,730,445	9,740,088	42,175,359	9,823,569
1951	1,325,026	3,311,439	—	—	1,213,329	1,739,412	9,698,179	43,863,962	12,110,779
1952	1,441,710	3,603,273	—	—	1,183,195	1,644,250	9,909,720	41,571,132	11,828,103
1953	1,826,543	5,071,260	—	—	1,536,458	1,443,006	8,862,637	48,295,970	14,371,494
1954	1,743,526	4,935,298	—	—	1,696,731	1,299,510	7,927,268	50,175,613	14,544,212
1955	1,908,895	5,474,875	—	—	2,115,415	1,453,881	8,675,715	44,254,113	16,267,579

1. Data not available by provinces.

2. Included with other products.

3. The tonnage shown since 1919 is the output of all mines; for previous years the figures include sales, colliery consumption and coal used by operators.

4. Metal content of ores shipped, as published by the British Columbia Department of Mines.

Cobalt production in 1928—1,730 pounds, value \$420.



## The Mineral Production of British Columbia—Continued

Year	Diatomite		Fluorspar		Gold		Gypsum		Grindstones, pulpstones	
	tons	\$	tons	\$	fine oz.	\$	tons	\$	tons	\$
1886.....	—	—	—	—	43, 714	903, 651	—	—	—	—
1887.....	—	—	—	—	33, 558	693, 709	—	—	—	—
1888.....	—	—	—	—	29, 834	616, 731	—	—	—	—
1889.....	—	—	—	—	28, 489	588, 923	—	—	—	—
1890.....	—	—	—	—	23, 918	494, 436	—	—	—	—
1891.....	—	—	—	—	20, 792	429, 811	—	—	—	—
1892.....	—	—	—	—	19, 327	399, 525	—	—	—	—
1893.....	—	—	—	—	18, 360	379, 535	—	—	—	—
1894.....	—	—	—	—	25, 664	530, 530	—	—	—	—
1895.....	—	—	—	—	61, 289	1, 266, 954	—	—	—	—
1896.....	—	—	—	—	86, 504	1, 788, 206	—	—	—	—
1897.....	—	—	—	—	131, 805	2, 724, 657	—	—	—	—
1898.....	—	—	—	—	142, 215	2, 939, 852	—	—	—	—
1899.....	—	—	—	—	203, 295	4, 202, 473	—	—	—	—
1900.....	—	—	—	—	228, 916	4, 732, 105	—	—	—	—
1901.....	—	—	—	—	257, 292	5, 318, 703	—	—	—	—
1902.....	—	—	—	—	288, 383	5, 961, 409	—	—	—	—
1903.....	—	—	—	—	284, 108	5, 873, 036	—	—	—	—
1904.....	—	—	—	—	275, 975	5, 704, 908	—	—	—	—
1905.....	—	—	—	—	285, 529	5, 902, 402	—	—	—	—
1906.....	—	—	—	—	269, 886	5, 579, 039	—	—	—	—
1907.....	—	—	—	—	236, 216	4, 883, 020	—	—	—	—
1908.....	—	—	—	—	286, 858	5, 929, 880	—	—	—	—
1909.....	—	—	—	—	250, 320	5, 174, 579	—	—	—	—
1910.....	—	—	—	—	261, 386	5, 403, 318	—	—	—	—
1911.....	—	—	—	—	238, 496	4, 930, 145	780	1, 875	—	—
1912.....	—	—	—	—	251, 815	5, 205, 485	—	—	—	—
1913.....	—	—	—	—	297, 459	6, 149, 027	200	1, 300	—	—
1914.....	—	—	—	—	252, 730	5, 224, 393	—	—	—	—
1915.....	—	—	—	—	273, 376	5, 651, 184	—	—	—	—
1916.....	—	—	—	—	219, 633	4, 540, 216	—	—	—	—
1917.....	—	—	—	—	133, 742	2, 764, 693	10	20	—	—
1918.....	—	—	175	5, 250	180, 163	3, 724, 300	—	—	—	—
1919.....	—	—	1, 638	38, 556	167, 252	3, 457, 406	—	—	—	—
1920.....	—	—	7, 477	171, 971	124, 808	2, 580, 010	—	—	—	—
1921.....	—	—	5, 403	134, 523	150, 792	3, 117, 147	40	100	—	—
1922.....	—	—	4, 219	98, 233	207, 370	4, 286, 718	100	500	—	—
1923.....	—	—	75	1, 135	200, 140	4, 137, 261	323	1, 615	—	—
1924.....	—	—	—	—	245, 719	5, 079, 462	30	150	240	19, 000
1925.....	—	—	3, 874	19, 034	219, 227	4, 531, 824	240	865	481	27, 781
1926.....	—	—	—	—	225, 866	4, 669, 065	20, 916	156, 964	700	45, 116
1927.....	—	—	—	—	183, 094	3, 784, 889	24, 493	201, 754	380	27, 600
1928.....	160	4, 800	—	—	196, 617	4, 064, 434	20, 982	229, 843	246	20, 509
1929.....	175	5, 250	17, 800	267, 000	154, 204	3, 187, 680	24, 696	243, 814	210	2, 730
1930.....	146	5, 147	—	—	164, 331	3, 397, 023	32, 128	248, 458	329	26, 222
1931.....	66	2, 270	—	—	160, 069	3, 451, 865	20, 544	176, 173	322	25, 795
1932.....	47	440	—	—	199, 004	4, 672, 429	10, 728	84, 084	60	3, 500
1933.....	14	410	—	—	238, 995	6, 835, 257	5, 107	46, 004	200	9, 000
1934.....	6	190	—	—	296, 196	10, 218, 762	9, 661	48, 081	402	17, 625
1935.....	57	1, 880	—	—	391, 633	13, 781, 565	7, 618	52, 335	202	10, 829
1936.....	10	350	—	—	451, 938	15, 831, 388	14, 078	77, 258	87	4, 500
1937.....	124	1, 346	—	—	505, 857	17, 699, 936	15, 764	108, 478	87	4, 875
1938.....	14	362	—	—	605, 617	21, 302, 578	17, 451	100, 080	—	—
1939.....	17	447	—	—	626, 970	22, 659, 323	18, 150	100, 641	—	—
1940.....	7	171	—	—	617, 011	23, 754, 924	19, 987	120, 043	—	—
1941.....	105	2, 625	—	—	608, 203	23, 415, 816	23, 862	141, 320	—	—
1942.....	147	2, 547	1, 559	25, 498	474, 839	18, 262, 052	23, 313	146, 154	—	—
1943.....	16	866	—	—	241, 346	9, 291, 821	24, 412	148, 348	—	—
1944.....	8	262	—	—	196, 857	7, 578, 994	24, 222	103, 927	—	—
1945.....	22	498	—	—	186, 854	7, 193, 879	23, 617	70, 032	—	—
1946.....	41	1, 027	—	—	136, 242	5, 006, 893	47, 649	387, 404	—	—
1947.....	59	1, 472	—	—	249, 011	8, 715, 385	58, 736	523, 298	—	—
1948.....	24	817	—	—	306, 996	10, 744, 930	82, 426	574, 707	—	—
1949.....	36	963	—	—	304, 307	10, 955, 052	79, 913	616, 966	—	—
1950.....	4	108	—	—	290, 490	11, 053, 144	84, 627	620, 108	—	—
1951.....	8	223	—	—	289, 992	10, 686, 205	105, 908	263, 072	—	—
1952.....	12	240	—	—	273, 059	9, 357, 732	92, 702	241, 443	—	—
1953.....	—	—	—	—	264, 976	9, 120, 474	145, 470	387, 655	—	—
1954.....	—	—	—	—	268, 508	9, 148, 068	147, 310	421, 734	—	—
1955.....	14	280	—	—	252, 979	8, 732, 835	150, 078	383, 934	—	—



## The Mineral Production of British Columbia—Continued

Year	Indium		Iron ore		Iron oxides		Lead		Lime	
	ounces	\$	tons	\$	tons	\$	lb.	\$	tons	\$
1886	—	—	3,941	...	—	—	—	—	140	2,500
1887	—	—	2,796	...	—	—	204,800	9,216	353	2,688
1888	—	—	8,372	...	—	—	674,500	29,813	455	3,900
1889	—	—	15,487	38,718	—	—	165,100	6,488	2,100	15,200
1890	—	—	—	—	—	—	—	—	1,050	8,000
1891	—	—	950	3,325	—	—	—	—	—	—
1892	—	—	2,300	8,050	—	—	808,420	33,064	—	—
1893	—	—	1,325	4,638	—	—	2,131,092	79,490	—	—
1894	—	—	1,120	3,920	—	—	5,703,222	187,636	—	—
1895	—	—	1,222	4,277	—	—	16,461,794	531,716	—	—
1896	—	—	196	686	—	—	24,199,977	721,159	—	—
1897	—	—	2,099	7,347	—	—	38,841,135	1,390,513	—	—
1898	—	—	280	750	—	—	31,693,559	1,198,017	—	—
1899	—	—	2,071	5,575	—	—	21,862,436	977,250	—	—
1900	—	—	1,110	...	—	—	63,158,621	2,760,031	—	—
1901	—	—	7,000	...	—	—	51,582,906	2,235,603	—	—
1902	—	—	10,019	35,060	—	—	22,536,381	917,005	—	—
1903	—	—	2,290	8,015	—	—	18,089,283	766,443	—	—
1904	—	—	—	—	—	—	36,646,244	1,579,086	—	—
1905	—	—	—	—	—	—	56,580,703	2,663,254	—	—
1906	—	—	—	—	—	—	52,408,217	2,964,733	3,717	26,694
1907	—	—	2,500	6,500	—	—	47,738,703	2,542,086	5,599	49,847
1908	—	—	—	—	—	—	43,195,733	1,814,221	6,175	44,027
1909	—	—	—	—	—	—	45,857,424	1,692,139	8,094	75,076
1910	—	—	—	—	—	—	32,987,508	1,216,249	6,891	72,657
1911	—	—	—	—	—	—	23,784,969	827,717	12,285	117,756
1912	—	—	—	—	—	—	35,763,476	1,597,554	18,107	181,905
1913	—	—	—	—	—	—	37,626,899	1,753,037	12,690	115,365
1914	—	—	—	—	—	—	36,289,845	1,625,422	5,309	56,767
1915	—	—	—	—	—	—	45,377,064	2,541,116	5,328	49,725
1916	—	—	—	—	—	—	39,157,701	3,333,496	6,791	66,301
1917	—	—	—	—	—	—	29,483,725	3,283,602	8,153	58,067
1918	—	—	2,200	6,600	—	—	47,594,328	4,402,475	14,055	143,697
1919	—	—	1,200	—	...	—	40,060,113	2,790,587	12,294	187,963
1920	—	—	1,212	7,272	—	—	32,792,725	2,931,670	19,646	341,632
1921	—	—	1,010	3,030	169	845	60,298,603	3,462,346	6,977	252,630
1922	—	—	1,255	3,528	3	120	87,093,266	5,430,265	18,089	284,641
1923	—	—	243	1,215	513	6,450	99,541,818	7,146,107	24,184	388,494
1924	—	—	28	55	120	2,620	168,467,628	13,652,617	22,272	370,829
1925	—	—	—	—	133	2,740	242,454,502	22,111,850	33,245	364,435
1926	—	—	—	—	108	920	266,812,461	18,012,509	25,502	416,882
1927	—	—	—	—	194	1,350	292,770,544	15,388,020	24,111	376,683
1928	—	—	—	—	136	1,815	317,722,146	14,537,377	35,149	473,996
1929	—	—	—	—	298	2,000	307,999,153	15,553,189	39,591	510,592
1930	—	—	—	—	6	120	321,803,725	12,637,232	36,517	335,057
1931	—	—	—	—	110	1,000	261,902,236	7,097,812	29,826	277,269
1932	—	—	—	—	223	2,000	252,007,574	5,326,432	17,152	160,001
1933	—	—	—	—	165	1,485	263,345,776	6,298,178	20,717	162,928
1934	—	—	—	—	161	1,600	344,467,138	8,392,597	19,687	153,856
1935	—	—	—	—	159	1,687	336,784,326	10,552,059	16,004	99,960
1936	—	—	—	—	396	4,000	376,645,367	14,738,133	24,159	134,785
1937	—	—	—	—	580	6,000	403,589,913	20,623,445	27,739	154,037
1938	—	—	—	—	434	4,560	413,706,307	13,834,339	19,655	174,161
1939	—	—	—	—	550	5,917	378,440,666	11,992,784	22,851	197,259
1940	—	—	—	—	376	3,948	466,849,112	15,695,467	28,388	234,534
1941	471	4,710	—	—	275	2,884	456,840,454	15,358,976	35,502	244,051
1942	—	—	—	—	438	4,604	507,199,704	17,052,054	31,034	236,904
1943	—	—	—	—	403	4,836	439,155,635	16,485,902	38,047	305,421
1944	—	—	—	—	482	8,200	292,922,888	13,181,530	44,869	380,896
1945	—	—	—	—	397	1,985	336,976,468	16,848,823	50,789	467,588
1946	—	—	—	—	427	5,867	345,862,680	23,345,731	48,985	570,252
1947	—	—	—	—	58	701	313,733,089	42,887,313	50,626	651,118
1948	—	—	679	4,751	1,086	9,772	320,037,525	57,734,770	57,673	1,019,865
1949	689	1,550	5,472	63,212	2,752	23,301	265,378,899	41,929,866	57,226	1,221,287
1950	4,952	12,083	—	—	—	—	267,319,716	38,627,700	51,858	910,676
1951	582	1,368	113,535	790,000	—	—	255,528,868	47,017,311	55,346	987,061
1952	404	909	900,481	5,443,568	—	—	258,769,430	41,894,771	47,733	1,084,293
1953	6,752	9,588	991,247	6,763,105	—	—	297,634,712	38,472,263	43,605	877,998
1954	477	1,278	535,746	3,733,891	—	—	343,535,354	45,793,259	51,046	935,246
1955	104,774	232,598	610,930	3,228,756	—	—	322,984,797	46,445,214	56,362	1,115,591

## The Mineral Production of British Columbia — Continued

Year	Magnesium		Magnesium sulphate		Manganese bog		Mercury		Mica	
	pounds	\$	tons	\$	tons	\$	lb.	\$	tons	\$
1895.....	—	—	—	—	—	—	71 <sup>1</sup>	2,343	—	—
1896.....	—	—	—	—	—	—	58 <sup>1</sup>	1,940	—	—
1897.....	—	—	—	—	—	—	9 <sup>1</sup>	324	—	—
1898.....	—	—	—	—	—	—	—	—	—	—
1899.....	—	—	—	—	—	—	—	—	2	2
1900.....	—	—	—	—	—	—	—	—	—	—
1901.....	—	—	—	—	—	—	—	—	—	—
1902.....	—	—	—	—	—	—	—	—	—	—
1903.....	—	—	—	—	—	—	—	—	—	—
1904.....	—	—	—	—	—	—	—	—	—	—
1905.....	—	—	—	—	—	—	—	—	—	—
1906.....	—	—	—	—	—	—	—	—	—	—
1907.....	—	—	—	—	—	—	—	—	—	—
1908.....	—	—	—	—	—	—	—	—	—	—
1909.....	—	—	—	—	—	—	—	—	—	—
1910.....	—	—	—	—	—	—	—	—	—	—
1911.....	—	—	—	—	—	—	—	—	—	—
1912.....	—	—	—	—	—	—	—	—	—	—
1913.....	—	—	—	—	—	—	—	—	—	—
1914.....	—	—	—	—	—	—	—	—	—	—
1915.....	—	—	—	—	—	—	—	—	—	—
1916.....	—	—	—	—	—	—	—	—	—	—
1917.....	—	—	929	4,645	—	—	—	—	—	—
1918.....	—	—	1,949	14,565	440	6,230	—	—	—	—
1919.....	—	—	738	9,115	616	10,559	—	—	—	—
1920.....	—	—	1,947	39,886	587	6,889	—	—	—	—
1921.....	—	—	2,029	39,506	—	—	—	—	—	—
1922.....	—	—	1,021	24,017	—	—	—	—	—	—
1923.....	—	—	121	6,580	—	—	—	—	—	—
1924.....	—	—	—	—	—	—	—	—	—	—
1925.....	—	—	—	—	—	—	—	—	—	—
1926.....	—	—	—	—	—	—	—	—	—	—
1927.....	—	—	—	—	—	—	—	—	—	—
1928.....	—	—	—	—	—	—	—	—	—	—
1929.....	—	—	—	—	1	30	—	—	—	—
1930.....	—	—	—	—	—	—	—	—	—	—
1931.....	—	—	—	—	—	—	—	—	—	—
1932.....	—	—	—	—	—	—	—	—	—	—
1933.....	—	—	120	3,360	—	—	—	—	23	853
1934.....	—	—	42	1,100	—	—	—	—	57	2,045
1935.....	—	—	340	7,965	—	—	—	—	—	—
1936.....	—	—	654	13,712	—	—	—	—	—	—
1937.....	—	—	727	14,456	—	—	760	760	48	1,562
1938.....	—	—	470	9,400	—	—	436	1,226	3	9
1939.....	—	—	550	9,900	—	—	153,830	369,317	80	2,600
1940.....	—	—	—	—	—	—	—	—	—	—
1941.....	10,905	2,944	265	7,343	—	—	536,304	1,335,697	148	3,678
1942.....	193,727	85,240	1,140	38,760	—	—	1,035,914	2,943,807	281	9,061
1943.....	—	—	—	—	—	—	1,690,240	4,559,200	355	11,821
1944.....	—	—	—	—	—	—	735,908	1,210,375	471	15,382
1945.....	—	—	—	—	—	—	—	—	642	17,136
1946.....	—	—	—	—	—	—	—	—	808	23,420
1947.....	—	—	—	—	—	—	—	—	904	24,240
1948.....	—	—	—	—	—	—	—	—	251	8,530
1949.....	—	—	—	—	—	—	—	—	289	5,675
1950.....	—	—	—	—	—	—	—	—	227	5,533
1951.....	—	—	—	—	—	—	—	—	303	7,462
1952.....	—	—	—	—	—	—	—	—	157	3,001
1953.....	—	—	—	—	—	—	—	—	160	2,880
1954.....	—	—	—	—	—	—	—	—	133	2,593
1955.....	—	—	—	—	—	—	75	250	252	2,861

1. 1895-1897 recorded as flasks.

2. 1899 production valued at \$525, included in Dominion total as Ontario and Quebec.

3. Not published.

Magnesite production: 1916—635 tons, value \$9,525.

1921—803 tons, value \$7,211.

## The Mineral Production of British Columbia — Continued

Year	Mineral waters	Natro-alunite		Phosphate		Platinum		Other platinum metals (palladium, rhodium, etc.)	
	\$	tons	\$	tons	\$	fine oz.	\$	fine oz.	\$
1887	—	—	—	—	—	...	5,600	—	—
1888	—	—	—	—	—	...	6,000	—	—
1889	—	—	—	—	—	...	3,500	—	—
1890	—	—	—	—	—	...	4,500	—	—
1891	—	—	—	—	—	...	10,000	—	—
1892	—	—	—	—	—	...	3,500	—	—
1893	—	—	—	—	—	...	1,800	—	—
1894	—	—	—	—	—	...	950	—	—
1895	—	—	—	—	—	...	3,800	—	—
1896	—	—	—	—	—	...	750	—	—
1897	—	—	—	—	—	...	1,600	—	—
1898	—	—	—	—	—	...	1,500	—	—
1899	—	—	—	—	—	...	825	—	—
1900	—	—	—	—	—	—	—	—	—
1901	—	—	—	—	—	...	457	—	—
1902	—	—	—	—	—	...	190	—	—
1903	—	—	—	—	—	—	—	—	—
1904	—	—	—	—	—	...	420	—	—
1905	—	—	—	—	—	...	500	—	—
1906	—	—	—	—	—	—	—	—	—
1907	—	—	—	—	—	—	—	—	—
1908	—	—	—	—	—	—	—	—	—
1909	—	—	—	—	—	—	—	—	—
1910	4,000	—	—	—	—	—	—	—	—
1911	3,500	—	—	—	—	—	—	—	—
1912	4,200	—	—	—	—	—	—	—	—
1913	4,800	—	—	—	—	18	489	—	—
1914	2,330	—	—	—	—	—	—	—	—
1915	1,400	—	—	—	—	23	1,063	—	—
1916	1,250	—	—	—	—	15	600	—	—
1917	1,382	—	—	—	—	57	3,823	—	—
1918	1,455	—	—	—	—	39	2,560	—	—
1919	1,800	—	—	—	—	25	2,150	—	—
1920	—	—	—	—	—	17	719	—	—
1921	—	30	1,500	—	—	23	1,726	—	—
1922	—	50	2,500	—	—	12	1,154	—	—
1923	—	15	750	—	—	7	816	—	—
1924	—	—	—	—	—	5	569	—	—
1925	—	20	1,000	—	—	6	715	—	—
1926	—	—	—	—	—	50	4,258	—	—
1927	—	7	248	38	494	11	960	—	—
1928	—	—	—	550	7,150	80	4,549	520	22,270
1929	—	—	—	1,145	4,580	45	2,828	177	6,836
1930	—	—	—	—	—	24	1,089	52	1,356
1931	—	—	—	—	—	50	1,783	—	—
1932	—	—	—	—	—	59	2,372	—	—
1933	—	—	—	2,109	4,670	40	1,400	—	—
1934	—	—	—	—	—	53	2,051	—	—
1935	—	—	—	—	—	39	1,275	—	—
1936	—	—	—	—	—	20	809	—	—
1937	—	—	—	—	—	22	1,066	—	—
1938	—	—	—	—	—	16	515	—	—
1939	—	—	—	—	—	25	877	—	—
1940	—	—	—	—	—	24	938	—	—
1941	—	—	—	—	—	60	2,293	—	—
1942	—	—	—	—	—	40	1,528	—	—
1943	—	—	—	—	—	7	270	—	—
1944	—	—	—	—	—	—	—	—	—
1945	—	—	—	—	—	—	—	—	—
1946	—	—	—	—	—	—	—	—	—
1947	—	—	—	—	—	—	—	—	—
1948	—	—	—	—	—	—	—	—	—
1949	—	—	—	—	—	242	21,175	—	—
1950	—	—	—	—	—	93	7,016	8	852
	—	—	—	—	—	118	9,714	11	1,616
1951	—	—	—	—	—	22	2,085	—	—
1952	—	—	—	—	—	2	178	—	—
1953	—	—	—	—	—	—	—	—	—
1954	—	—	—	—	—	—	—	—	—
1955	—	—	—	—	—	—	—	—	—

Molybdenite production: 1916 — no quantity recorded, value \$13,003.

1917 — 3,705 pounds, value \$3,705.

1918 — 1,600 pounds, value \$1,840.

1942 — 4,887 pounds, value \$2,907.

Nickel production: 1936 — 167,381 pounds, value \$49,971.

1937 — 114,072 pounds, value \$37,753.



## The Mineral Production of British Columbia — Continued

Year	Peat moss		Quartz		Sand and gravel		Silver		Sodium carbonate	
	tons	\$	tons	\$	tons	\$	fine oz.	\$	tons	\$
1887	—	—	—	—	—	—	17,690	17,301	—	—
1888	—	—	—	—	—	—	79,780	74,993	—	—
1889	—	—	—	—	—	—	53,192	49,787	—	—
1890	—	—	—	—	—	—	70,427	73,666	—	—
1891	—	—	—	—	—	—	3,306	3,266	—	—
1892	—	—	—	—	—	—	77,160	67,592	—	—
1893	—	—	—	—	—	—	—	195,000	—	—
1894	—	—	—	—	—	—	746,379	470,219	—	—
1895	—	—	—	—	—	—	1,496,522	976,930	—	—
1896	—	—	—	—	—	—	3,135,343	2,102,561	—	—
1897	—	—	—	—	—	—	5,472,971	3,272,289	—	—
1898	—	—	—	—	—	—	4,292,401	2,500,753	—	—
1899	—	—	—	—	—	—	2,939,413	1,751,302	—	—
1900	—	—	—	—	—	—	3,958,175	2,427,548	—	—
1901	—	—	—	—	—	—	5,151,333	3,036,711	—	—
1902	—	—	—	—	—	—	3,917,917	2,043,586	—	—
1903	—	—	—	—	—	—	2,996,204	1,601,471	—	—
1904	—	—	—	—	—	—	3,222,481	1,843,935	—	—
1905	—	—	—	—	—	—	3,439,417	2,075,757	—	—
1906	—	—	—	—	—	—	2,990,262	1,997,226	—	—
1907	—	—	—	—	—	—	2,745,448	1,793,519	—	—
1908	—	—	—	—	—	—	2,631,389	1,391,058	—	—
1909	—	—	—	—	—	—	2,649,141	1,364,387	—	—
1910	—	—	—	—	—	—	2,407,887	1,287,883	—	—
1911	—	—	—	—	—	—	1,887,147	1,005,924	—	—
1912	—	—	—	—	—	385,946	2,651,002	1,612,737	—	—
1913	—	—	—	—	—	180,863	3,312,343	1,980,483	—	—
1914	—	—	—	—	—	391,731	3,159,897	1,731,971	—	—
1915	—	—	30,559	61,118	868,240	256,454	3,565,852	1,771,658	—	—
1916	—	—	41,077	82,154	578,424	230,197	3,392,872	2,227,794	—	—
1917	—	—	37,755	132,143	—	—	2,655,994	2,162,430	—	—
1918	—	—	49,886	149,658	—	—	3,921,336	3,794,755	—	—
1919	—	—	32,715	340,313	—	—	3,713,537	4,126,556	—	—
1920	—	—	35,876	141,200	—	—	3,327,028	3,356,971	—	—
1921	—	—	22,288	62,317	—	—	3,350,357	2,099,133	197	14,775
1922	—	—	17,425	37,521	960,251	304,071	7,150,937	4,828,384	202	3,027
1923	—	—	25,590	47,029	434,194	266,119	6,113,327	3,965,899	265	3,975
1924	—	—	21,358	43,034	1,105,459	344,937	8,153,003	5,444,657	510	5,173
1925	—	—	853	2,262	1,415,232	446,896	8,579,458	5,925,403	1,120	8,140
1926	—	—	6,466	77,060	1,486,254	357,985	10,625,816	6,599,376	595	5,370
1927	—	—	20,859	80,824	1,379,143	342,021	11,040,445	6,223,499	805	9,995
1928	—	—	16,017	43,876	2,334,270	529,669	10,943,367	6,366,413	519	4,922
1929	—	—	9,642	45,947	2,425,996	665,132	10,156,408	5,382,185	600	8,100
1930	—	—	1,095	5,291	2,494,743	819,739	11,825,930	4,512,065	364	4,550
1931	—	—	519	1,297	2,726,704	914,322	8,061,599	2,408,000	712	7,351
1932	—	—	15,621	8,435	1,487,513	525,604	7,293,462	2,309,958	495	5,450
1933	—	—	22,668	17,681	961,672	332,962	6,737,057	2,548,817	559	5,773
1934	—	—	24,847	13,990	958,149	335,142	8,729,721	4,143,204	244	1,920
1935	—	—	11,056	4,771	1,381,720	481,620	9,178,400	5,946,677	242	2,430
1936	—	—	146	788	1,753,415	596,796	9,748,715	4,399,303	192	1,677
1937	—	—	—	—	1,648,963	733,935	11,530,177	5,174,859	286	2,574
1938	—	—	—	—	2,211,682	751,491	11,186,563	4,863,582	252	2,268
1939	1	1	—	—	2,284,995	870,268	10,648,031	4,311,175	300	2,400
1940	1	1	—	—	2,087,878	809,075	11,885,556	4,546,106	220	1,760
1941	14,345	390,509	631	1,579	2,960,924	1,151,322	11,233,788	4,298,160	186	1,488
1942	28,520	658,771	815	2,037	2,599,861	1,091,202	10,596,204	4,467,996	256	2,048
1943	35,755	925,408	38,562	77,124	2,257,784	877,413	8,995,488	4,070,818	468	5,148
1944	45,794	1,259,131	24,682	73,156	4,357,362	1,194,859	5,631,572	2,421,576	44	484
1945	50,597	1,292,297	—	—	3,721,240	1,066,796	5,620,323	2,641,552	286	3,146
1946	49,263	1,546,149	9,028	26,865	4,505,236	1,798,577	6,078,419	5,084,597	—	—
1947	46,104	1,588,349	34,569	109,975	7,634,917	3,703,090	5,903,367	4,250,424	163	1,793
1948	51,496	1,928,651	30,228	189,509	7,058,477	3,796,406	6,717,908	5,038,431	—	—
1949	44,581	1,508,093	24,547	113,494	8,723,407	4,750,620	7,573,506	5,623,328	47	513
1950	45,565	1,498,219	19,570	121,928	5,808,218	3,709,875	8,528,107	6,892,416	—	—
1951	46,947	1,700,030	18,281	113,393	6,177,068	3,702,403	8,342,414	7,887,752	—	—
1952	46,939	1,685,406	19,881	105,771	8,137,176	4,830,833	7,784,964	6,502,002	—	—
1953	81,654	2,643,019	16,312	89,652	7,494,268	4,890,367	9,308,874	7,820,385	—	—
1954	57,348	1,902,900	—	—	10,153,612	6,189,710	10,825,614	9,013,082	—	—
1955	65,436	2,289,846	28,269	127,211	11,151,337	6,945,144	8,702,122	7,673,531	—	—

1. Included with manufactures.

Selenium production in 1931 — 731 pounds, value \$1,389.

Perlite in 1953: 1,112 tons valued at \$11,120.

## The Mineral Production of British Columbia — Continued

Year	Stone									
	Granite		Limestone		Marble		Sandstone		Slate	
	tons	\$	tons	\$	tons	\$	tons	\$	tons	\$
1909 .....	...	134,310	...	37,258	...	25,000	...	168,513	—	—
1910 .....	...	244,767	...	43,121	...	3,679	...	130,825	—	—
1911 .....	...	460,851	...	56,748	...	1,600	...	179,580	—	—
1912 .....	...	624,178	...	55,617	—	—	...	99,816	—	—
1913 .....	...	469,666	...	38,830	...	600	...	71,783	—	—
1914 .....	...	918,131	...	51,435	...	3,343	...	51,774	—	—
1915 .....	...	701,593	...	79,583	...	1,700	...	14,000	—	—
1916 .....	...	464,949	...	92,769	—	—	...	6,500	—	—
1917 .....	...	66,170	...	89,808	—	—	...	110,000	—	—
1918 .....	1	1	1	1	1	1	1	1	—	—
1919 .....	1	1	1	1	1	1	1	1	—	—
1920 .....	1	1	1	1	1	1	1	1	—	—
1921 .....	108,225	186,629	33,816	42,536	—	—	—	—	—	—
1922 .....	159,904	268,008	36,566	44,583	—	—	1,200	12,000	—	—
1923 .....	151,389	230,582	13,711	19,284	—	—	—	—	—	—
1924 .....	150,522	248,360	27,053	21,881	—	—	650	83,500	—	—
1925 .....	192,177	264,910	58,172	54,059	—	—	5,877	18,227	—	—
1926 .....	163,077	244,197	81,844	106,220	—	—	8,140	7,830	—	—
1927 .....	174,945	241,412	81,008	107,984	600	12,600	—	—	—	—
1928 .....	201,030	275,947	68,179	83,193	950	31,400	1,280	1,280	—	—
1929 .....	286,883	340,011	119,222	143,319	196	5,282	2,630	23,043	—	—
1930 .....	229,000	283,739	122,409	145,443	6,363	31,141	3,319	258,172	150	3,000
1931 .....	302,150	322,014	159,198	152,269	810	8,761	9,559	592,740	250	5,000
1932 .....	266,008	261,144	138,132	109,399	482	4,029	3,020	3,480	250	3,750
1933 .....	94,967	109,512	150,805	130,706	300	2,547	4,200	10,760	250	3,750
1934 .....	48,809	73,081	161,755	142,560	150	1,416	—	—	312	3,744
1935 .....	118,782	100,432	215,933	189,381	604	5,471	21,576	63,006	310	3,100
1936 .....	243,427	131,750	122,535	123,607	175	2,110	18,434	135,944	184	2,479
1937 .....	273,692	318,725	176,513	177,939	—	—	13,220	52,561	186	2,790
1938 .....	148,896	160,457	125,842	124,322	—	—	13,325	41,825	274	3,295
1939 .....	101,214	120,404	205,045	200,842	—	—	6,460	29,060	419	5,428
1940 .....	162,126	157,666	282,170	282,095	180	2,600	6,320	20,337	474	6,883
1941 .....	129,941	146,403	201,359	229,702	300	2,800	8,640	15,650	950	12,216
1942 .....	95,604	133,810	199,496	230,139	100	1,820	13,930	13,930	1,211	16,643
1943 .....	63,695	101,210	163,127	213,544	85	1,450	8,160	8,160	1,145	17,542
1944 .....	12,716	76,052	181,141	249,373	125	2,155	4,860	3,000	949	17,903
1945 .....	29,726	44,722	250,106	332,432	160	2,700	3,160	3,160	969	16,272
1946 .....	78,341	110,651	208,242	287,433	260	4,920	8,360	8,360	1,116	19,917
1947 .....	144,263	195,865	890,387	1,019,857	285	5,340	1,000	1,000	1,158	19,686
1948 .....	416,742	310,806	756,310	960,627	425	8,000	80,200	80,200	3,994	50,621
1949 .....	1,210,417	719,608	876,873	1,125,073	300	5,550	40,280	40,280	5,941	79,661
1950 .....	1,020,468	755,072	551,849	827,412	350	11,650	25,580	25,580	7,886	104,590
1951 .....	732,749	921,369	655,319	1,159,625	232	6,500	13,652	15,953	4,835	66,632
1952 .....	700,661	1,121,705	729,595	1,220,524	—	—	6,169	9,029	750	14,576
1953 .....	423,169	824,741	843,747	1,273,101	—	—	37,746	24,782	1,858	31,572
1954 .....	493,013	944,357	906,966	1,451,817	—	—	38,186	15,232	1,676	30,237
1955 .....	1,244,937	1,810,372	1,787,625	2,318,677	—	—	47,603	33,429	1,279	32,847

1. Data by kinds not available; total values of all kinds of stone were 1918, \$187,842; 1919, \$217,006; 1920, \$276,505.  
 Shale in 1954 — 3,245 tons valued at \$3,200.  
 Shale in 1955 — 8,654 tons valued at \$8,600.

## The Mineral Production of British Columbia — Concluded

Year	Sulphur <sup>1</sup>		Talc		Tin		Tungsten concentrates		Zinc <sup>2</sup>		Other products
	tons	\$	tons	\$	pounds	\$	pounds	\$	tons	\$	\$
1905.....	—	—	—	—	—	—	—	—	9,413	139,200	—
1906.....	—	—	—	—	—	—	—	—	654	17,100	—
1907.....	—	—	—	—	—	—	—	—	1,356	46,100	—
1908.....	—	—	—	—	—	—	—	—	—	—	643,534 <sup>4</sup>
1909.....	—	—	—	—	—	—	—	—	17,476 <sup>3</sup>	233,749	330,201 <sup>5</sup>
1910.....	—	—	—	—	—	—	—	—	4,487	114,243	494,197 <sup>6</sup>
1911.....	—	—	—	—	—	—	—	—	2,590	101,072	—
1912.....	—	—	—	—	—	—	—	—	6,405	211,399	—
1913.....	—	—	—	—	—	—	—	—	7,554	180,127	—
1914.....	—	—	—	—	—	—	—	—	9,924	252,546	671
1915.....	—	—	—	—	—	—	—	—	14,595	538,438	15,833
lb.											
1916.....	424	5,300	53	848	—	—	—	—	21,701,560	2,778,667	—
1917.....	2,561	28,545	25	400	—	—	—	—	27,861,441	2,479,947	241,661
1918.....	7,856	63,454	—	—	—	—	—	—	32,280,247	2,633,745	103,739
1919.....	1,841	33,650	100	500	—	—	—	—	30,295,015	2,223,048	373,193
1920.....	4,747	56,376	110	3,100	—	—	—	—	38,729,762	2,970,960	1,270,298
1921.....	1,289	4,557	167	4,175	—	—	—	—	53,089,356	2,471,310	925,361
1922.....	2,625	34,540	191	4,780	—	—	—	—	56,290,000	3,217,536	—
1923.....	1,522	13,304	245	5,390	—	—	—	—	60,050,000	3,967,504	—
1924.....	3,560	40,459	165	3,630	—	—	—	—	96,000,069	6,090,244	—
1925.....	1,201	13,350	92	1,589	—	—	—	—	99,152,966	7,557,439	—
1926.....	1,490	16,870	—	—	—	—	—	—	137,033,929	10,154,214	—
1927.....	18,492	149,516	107	2,620	—	—	—	—	148,306,479	9,186,103	—
1928.....	32,063	254,872	—	—	—	—	—	—	163,530,890	8,983,079	—
1929.....	28,276	226,208	46	720	—	—	—	—	172,096,841	9,270,857	—
1930.....	17,800	147,942	177	2,835	—	—	—	—	250,479,310	9,017,255	—
1931.....	29,013	255,760	30	600	—	—	—	—	202,071,702	5,160,911	—
1932.....	31,886	302,856	39	702	—	—	—	—	130,546,958	3,140,438	—
1933.....	30,010	282,078	67	1,022	—	—	—	—	152,826,264	4,906,487	—
1934.....	32,031	319,124	25	502	—	—	—	—	249,152,403	7,583,202	—
1935.....	46,784	453,536	93	1,318	—	—	—	—	255,222,315	7,909,314	—
1936.....	64,896	608,792	47	799	—	—	—	—	255,668,574	8,475,413	—
1937.....	88,370	820,406	—	—	—	—	—	—	287,192,877	14,078,195	—
1938.....	78,918	777,586	—	—	—	—	—	—	299,363,564	9,199,443	—
1939.....	133,676	1,230,814	—	—	—	—	8,825	4,917	279,041,497	8,563,784	—
1940.....	90,214	899,126	—	—	—	—	2,352	1,387	312,020,671	10,643,025	—
1941.....	103,140	1,026,794	—	—	64,744	33,667	34,495	21,453	367,869,579	12,548,031	—
1942.....	116,248	1,134,586	—	—	1,237,863	643,689	250,930	228,500	387,236,469	13,208,636	—
1943.....	104,601	1,039,126	—	—	776,937	450,623	976,622	692,260	336,150,455	13,446,018	—
1944.....	113,325	1,123,478	—	—	516,626	299,643	818,000	236,788	278,063,373	11,956,725	—
1945.....	127,654	1,267,317	—	—	849,983	492,990	366	331	294,791,635	18,984,581	—
1946.....	126,622	1,255,008	—	—	874,186	507,028	—	—	274,269,956	21,420,484	—
1947.....	157,162	1,476,445	—	—	714,198	517,794	496,023	680,792	253,006,168	28,412,593	—
1948.....	144,450	1,417,528	—	—	691,332	688,567	1,046,160	1,046,160	270,310,195	37,654,210	—
1949.....	160,437	1,564,277	—	—	619,117	633,047	252,380	252,380	288,188,620	38,176,346	—
1950.....	143,343	1,430,526	132	1,324	796,403	828,259	284,078	160,343	290,344,227	45,438,871	—
1951.....	194,696	2,069,482	—	—	346,718	494,073	—	—	337,511,324	67,164,754	—
1952.....	...	2,099,770	—	—	212,113	253,581	1,434,641	4,307,879	348,575,941	69,861,359	—
1953.....	...	1,590,055	—	—	643,254	581,746	2,395,544	5,556,000	382,300,862	45,723,133	—
1954.....	...	2,525,500	—	—	333,788	263,359	2,170,633	5,795,781	303,078,331	36,308,784	—
1955.....	...	2,796,783	—	—	492,781	408,030	1,914,000	5,460,967	431,771,995	58,936,877	—

1. Since 1928, sulphur content of pyrite shipped and sulphur recovered from smelter gases; figures for previous years represent sulphur content and values of pyrite shipped.

2. 1905-1915, tons of ore or concentrates shipped from mines; 1916-1951, refined zinc made in Canada plus estimated recoverable zinc in exported ores and concentrates.

3. Includes 7,424 tons shipped late in 1908.

4. Includes stone, etc.

5. Includes cement, sand-lime brick and a small value in refined antimony.

6. Includes cement, sand-lime brick, etc.

Volcanic dust production in 1934 — 30 tons, value \$600.



## The Mineral Production of the Northwest Territories

Year	Columbium C b <sub>2</sub> O <sub>5</sub>		Copper		Gold		Lead		Natural gas	
	pounds	\$	pounds	\$	fine oz.	\$	pounds	\$	M cu. ft.	\$
1931 .....	—	—	—	—	—	—	—	—	—	—
1932 .....	—	—	—	—	—	—	—	—	—	—
1933 .....	—	—	—	—	—	—	—	—	—	—
1934 .....	—	—	—	—	—	—	3,531	86	—	—
1935 .....	—	—	—	—	200	7,038	12,905	404	—	—
1936 .....	—	—	—	—	1	35	—	—	1,100	245
1937 .....	—	—	—	—	—	—	—	—	1,500	335
1938 .....	—	—	75,567	7,535	6,800	239,190	—	—	1,500	335
1939 .....	—	—	42,382	4,277	51,914	1,876,224	—	—	1,500	335
1940 .....	—	—	—	—	55,159	2,123,621	—	—	1,500	335
1941 .....	—	—	32,727	3,301	74,417	2,865,054	—	—	1,500	335
1942 .....	—	—	74,963	7,561	99,394	3,826,669	—	—	1,500	335
1943 .....	—	—	—	—	59,032	2,272,732	—	—	1,500	335
1944 .....	—	—	11,902	1,428	20,775	799,838	—	—	1,500	335
1945 .....	—	—	—	—	8,655	333,218	—	—	1,500	335
1946 .....	—	—	—	—	23,420	860,685	—	—	1,500	335
1947 .....	—	—	—	—	62,517	2,188,095	—	—	—	—
1948 .....	—	—	—	—	101,625	3,556,875	—	—	150,000	15,000
1949 .....	—	—	—	—	177,493	6,389,748	—	—	65,234	6,523
1950 .....	—	—	—	—	200,663	7,635,227	—	—	33,335	12,818
1951 .....	—	—	1,934	536	212,211	7,819,975	—	—	19,333	7,621
1952 .....	—	—	6,900	1,969	247,581	8,484,601	27,445	4,443	24,847	9,698
1953 .....	—	—	—	—	289,929	9,979,356	—	—	26,109	10,199
1954 .....	90	2,294	—	—	308,563	10,512,741	—	—	29,085	9,700
1955 .....	42	1,032	—	—	321,321	11,092,001	—	—	18,670	6,213
	Petroleum		Pitchblende products		Silver <sup>1</sup>		Tantalum Ta <sub>2</sub> O <sub>5</sub>		Tungsten WO <sub>3</sub>	
	barrels	\$	\$		fine oz.	\$	pounds	\$	pounds	\$
1931 .....	—	—	—		2	2	—	—	—	—
1932 .....	910	9,251	—		38,433	12,172	—	—	—	—
1933 .....	4,608	23,037	247,900		23,239	8,792	—	—	—	—
1934 .....	4,438	22,188	159,400		37,778	17,930	—	—	—	—
1935 .....	5,115	25,575	413,700		146,506	94,921	—	—	—	—
1936 .....	5,399	26,995	605,500		317,014	143,059	—	—	—	—
1937 .....	11,371	56,855	876,540		135,442	60,788	—	—	—	—
1938 .....	22,855	68,565	1,045,458		581,902	252,993	—	—	—	—
1939 .....	20,191	50,477	1,121,553		483,874	195,911	—	—	—	—
1940 .....	18,633	37,265	410,176		59,505	22,760	—	—	—	—
1941 .....	23,664	47,328	925,196		15,327	5,864	—	—	41,972	13,220
1942 .....	75,789	108,477	...		22,531	9,500	—	—	98,218	23,725
1943 .....	293,750	400,201	...		13,250	5,996	—	—	720	729
1944 .....	1,223,675	632,587	...		13,677	5,881	—	—	—	—
1945 .....	345,171	136,303	...		2,033	956	—	—	—	—
1946 .....	177,282	173,392	...		6,112	5,113	—	—	—	—
1947 .....	227,474	500,238	...		45,355	32,655	—	—	—	—
1948 .....	350,541	676,574	...		25,382	19,036	—	—	—	—
1949 .....	155,528	353,108	...		70,505	52,350	—	—	—	—
1950 .....	186,729	352,656	...		62,111	50,198	—	—	—	—
1951 .....	227,449	399,887	...		64,228	60,728	—	—	—	—
1952 .....	314,217	379,160	...		59,258	49,492	—	—	7,736	15,472
1953 .....	316,689	257,251	...		63,592	53,424	—	—	—	—
1954 .....	369,887	344,960	15,486,157		59,037	49,152	77	2,696	—	—
1955 .....	404,219	1,185,780	13,232,079		58,477	51,565	390	9,760	—	—

1. Includes recoveries from silver-pitchblende ores prior to 1942.

2. Small quantity included in Yukon production figure.

Cobalt in 1955—6,037 pounds valued at \$16,119. Cobalt included in pitchblende products in previous years; these data were not published

Lithia: 1954—17,052 pounds valued at \$6,300.

1955—8,056 pounds valued at \$3,272.

## The Mineral Production of the Yukon

Year	Antimony ore		Cadmium		Coal <sup>2</sup>		Copper		Gold <sup>6</sup>	
	tons	\$	pounds	\$	tons	\$	pounds	\$	fine oz.	\$
1886.....	—	—	—	—	—	—	—	—	4,837	100,000
1887.....	—	—	—	—	—	—	—	—	3,386	70,000
1888.....	—	—	—	—	—	—	—	—	1,935	40,000
1889.....	—	—	—	—	—	—	—	—	8,466	175,000
1890.....	—	—	—	—	—	—	—	—	8,466	175,000
1891.....	—	—	—	—	—	—	—	—	1,953	40,000
1892.....	—	—	—	—	—	—	—	—	4,233	87,500
1893.....	—	—	—	—	—	—	—	—	8,514	176,000
1894.....	—	—	—	—	—	—	—	—	6,047	125,000
1895.....	—	—	—	—	—	—	—	—	12,094	250,000
1896.....	—	—	—	—	—	—	—	—	14,513	300,000
1897.....	—	—	—	—	—	—	—	—	120,937	2,500,000
1898.....	—	—	—	—	—	—	—	—	483,750	10,000,000
1899.....	—	—	—	—	—	—	—	—	774,000	16,000,000
1900.....	—	—	—	—	—	—	—	—	1,077,553	22,275,000
1901.....	—	—	—	—	5,864 <sup>3</sup>	86,230	—	—	870,750	18,000,000
1902.....	—	—	—	—	4,910	37,280	—	—	701,437	14,500,000
1903.....	—	—	—	—	1,849	29,584	—	—	592,594	12,250,000
1904.....	—	—	—	—	—	—	—	—	507,938	10,500,000
1905.....	—	—	—	—	7,000	21,000	—	—	381,001	7,876,000
1906.....	—	—	—	—	7,000	28,000	156,000 <sup>4</sup>	23,400	270,900	5,600,000
1907.....	—	—	—	—	15,000	60,000	511,838	102,388	152,381	3,150,000
1908.....	—	—	—	—	3,847	21,158	112,264	14,828	174,150	3,600,000
1909.....	—	—	—	—	7,364	49,502	—	—	191,565	3,960,000
1910.....	—	—	—	—	16,185	110,925	286,000	36,431	211,091	4,570,362
1911.....	—	—	—	—	2,840	12,780	—	—	224,197	4,634,574
1912.....	—	—	—	—	9,245	44,958	1,772,660	289,670	268,447	5,549,296
1913.....	—	—	—	—	19,722	95,945	1,843,530	281,489	282,838	5,846,780
1914.....	—	—	—	—	13,443	53,760	1,367,050	185,946	247,940	5,125,374
1915.....	—	—	—	—	9,724	38,896	533,216	92,113	230,173	4,758,098
1916.....	20	160	—	—	3,300	13,200	2,807,096	763,586	212,700	4,396,900
1917.....	—	—	—	—	4,872	29,232	2,460,079	668,650	177,667	3,672,703
1918.....	—	—	—	—	2,900	11,600	619,878	152,663	102,474	2,118,325
1919.....	—	—	—	—	—	—	165,184	30,874	90,705	1,875,039
1920.....	—	—	—	—	—	—	277,712	48,478	72,778	1,504,455
1921.....	—	—	—	—	233	2,472	—	—	65,994	1,364,217
1922.....	—	—	—	—	465	4,650	—	—	54,456	1,125,705
1923.....	—	—	—	—	313	1,485	—	—	60,144	1,243,287
1924.....	—	—	—	—	1,121	8,265	—	—	34,825	719,897
1925.....	—	—	—	—	730	7,147	—	—	47,817	988,465
1926.....	—	—	—	—	316	800	—	—	25,601	529,220
1927.....	—	—	—	—	414	2,052	—	—	30,935	639,483
1928.....	—	—	—	—	414	2,915	107,377 <sup>5</sup>	15,645	34,364	710,367
1929.....	—	—	—	—	458	1,848	—	—	35,892	741,954
1930.....	—	—	—	—	653	3,110	42,628	5,534	35,517	734,202
1931.....	—	—	—	—	904	5,039	—	—	44,310	955,539
1932.....	—	—	—	—	808	3,491	—	—	40,608	953,438
1933.....	—	—	—	—	862	3,670	—	—	39,493	1,129,500
1934.....	—	—	—	—	638	2,217	—	—	38,798	1,338,531
1935.....	—	—	—	—	835	3,483	—	—	35,707	1,256,529
1936.....	—	—	—	—	510	2,286	—	—	50,358	1,764,041
1937.....	—	—	—	—	84	812	—	—	47,982	1,678,890
1938.....	—	—	—	—	361	3,400	—	—	72,368	2,545,544
1939.....	—	—	—	—	—	—	—	—	87,745	3,171,192
1940.....	—	—	—	—	—	—	—	—	80,458	3,097,633
1941.....	—	—	—	—	—	—	—	—	70,959	2,731,922
1942.....	76 <sup>1</sup>	13	—	—	—	—	—	—	83,246	3,204,971
1943.....	—	—	—	—	—	—	—	—	41,160	1,584,660
1944.....	—	—	—	—	—	—	—	—	23,818	916,993
1945.....	—	—	—	—	—	—	—	—	31,721	1,221,258
1946.....	—	—	—	—	—	—	—	—	45,286	1,664,260
1947.....	—	—	—	—	—	—	—	—	47,745	1,671,075
1948.....	—	—	—	—	3,801	25,857	—	—	60,614	2,121,490
1949.....	—	—	—	—	3,156	29,382	—	—	81,970	2,950,920
1950.....	—	—	56,410	130,871	3,703	40,960	—	—	93,339	3,551,549
1951.....	—	—	66,452	178,091	3,696	60,597	—	—	77,504	2,856,022
1952.....	—	—	129,490	284,878	8,442	139,345	—	—	78,519	2,690,846
1953.....	—	—	238,426	476,852	10,611	169,736	—	—	66,080	2,274,474
1954.....	—	—	252,853	429,850	14,113	202,772	—	—	82,208	2,800,826
1955.....	—	—	211,808	360,074	7,040	81,806	—	—	72,201	2,492,379

1. Pounds of antimony.

2. Since 1919 the tonnages are the total output for all mines; for previous years figures include sales, colliery consumption and coal used by operators.

3. Partly mined in 1900.

4. 1906 and previous production.

5. Includes small quantities produced in 1925, 1926 and 1927.

6. Placer gold, but includes a small production from lode mines in 1926 and for the years 1910-1923.

## The Mineral Production of the Yukon — Concluded

Year	Lead		Silver		Tungsten WO <sub>3</sub>		Zinc	
	pounds	\$	fine oz.	\$	pounds	\$	pounds	\$
1899.....	—	—	230,000	137,034	—	—	—	—
1900.....	—	—	290,000	177,857	—	—	—	—
1901.....	—	—	195,000	114,953	—	—	—	—
1902.....	—	—	185,900	96,985	—	—	—	—
1903.....	—	—	156,000	83,362	—	—	—	—
1904.....	—	—	133,170	76,201	—	—	—	—
1905.....	—	—	89,630	54,093	—	—	—	—
1906.....	—	—	63,665	42,522	—	—	—	—
1907.....	—	—	35,988	23,510	—	—	—	—
1908.....	—	—	63,000	33,304	—	—	—	—
1909.....	—	—	45,000	23,176	—	—	—	—
1910.....	—	—	87,418	46,756	—	—	—	—
1911.....	—	—	112,708	60,078	—	—	—	—
1912.....	—	—	81,068	49,318	—	—	—	—
1913.....	2,804	131	87,626	52,392	—	—	—	—
1914.....	47,920	2,146	92,973	50,959	—	—	—	—
1915.....	810,000	45,360	248,049	123,241	—	—	—	—
1916.....	955,222	81,318	360,101	236,446	—	—	—	—
1917.....	127,844	14,238	119,605	97,379	—	—	—	—
1918.....	9,249	856	71,915	69,594	3,848	2,593	—	—
1919.....	—	—	27,556	30,621	—	—	—	—
1920.....	—	—	19,190	19,363	—	—	—	—
1921.....	2,472,615	141,978	393,092	246,288	—	—	—	—
1922.....	3,323,508	207,221	663,493	447,997	—	—	—	—
1923.....	6,771,113	486,098	1,914,438	1,241,953	—	—	—	—
1924.....	903,520	73,221	226,755	151,429	—	—	—	—
1925.....	1,875,442	171,040	904,893	624,964	—	—	—	—
1926.....	5,860,373	395,634	2,095,027	1,301,159	—	—	—	—
1927.....	4,165,331	218,929	1,647,295	928,580	—	—	—	—
1928.....	7,191,449	329,045	2,839,633	1,651,985	—	—	—	—
1929.....	8,395,603	424,012	3,279,530	1,737,922	—	—	—	—
1930.....	8,896,582	349,369	3,746,326	1,429,373	—	—	—	—
1931.....	4,454,613	120,724	3,694,728	1,103,615	—	—	—	—
1932.....	3,853,327	81,444	3,014,755	954,822	—	—	—	—
1933.....	3,099,505	74,128	2,204,237	833,925	—	—	—	—
1934.....	1,783,349	43,450	515,542	244,681	—	—	—	—
1935.....	218,513	6,846	54,715	35,450	—	—	—	—
1936.....	2,568,699	100,513	783,416	353,532	—	—	—	—
1937.....	6,440,454	329,107	3,956,504	1,775,719	—	—	—	—
1938.....	5,198,990	173,854	2,844,659	1,236,772	—	—	—	—
1939.....	7,544,632	239,089	3,830,864	1,551,040	—	—	—	—
1940.....	4,655,689	156,524	2,259,343	864,176	—	—	—	—
1941.....	1,703,728	57,280	856,772	327,810	1,560	980	—	—
1942.....	1,322,065	44,448	482,133	203,296	968	840	—	—
1943.....	195,715	7,347	52,348	23,690	12,083	10,122	—	—
1944.....	105,727	4,758	32,066	13,788	5,593	3,780	—	—
1945.....	119,516	5,976	25,158	11,824	—	—	—	—
1946.....	52,144	3,520	31,230	26,124	—	—	—	—
1947.....	1,145,256	156,556	372,051	267,877	—	—	—	—
1948.....	4,598,665	829,599	1,718,618	1,288,964	—	—	—	—
1949.....	5,356,405	846,312	1,562,730	1,160,327	—	—	847,246	112,235
1950.....	12,885,518	1,861,957	3,202,779	2,588,486	—	—	5,507,173	861,873
1951.....	12,533,071	2,306,085	3,442,788	3,255,156	2,833	7,098	5,678,999	1,130,121
1952.....	18,368,643	2,973,883	4,028,551	3,364,646	—	—	11,070,178	1,932,853
1953.....	31,590,973	4,083,449	6,639,127	5,577,530	1,704	475	18,027,139	2,156,046
1954.....	33,765,290	4,500,913	6,992,279	5,821,562	—	—	23,645,588	2,832,741
1955.....	26,248,786	3,774,575	5,712,219	5,037,035	—	—	21,823,307	2,978,881













